THE STUDENT'S HANDBOOK

TO THE

UNIVERSITY OF CAMBRIDGE

A. P. HUMPHRY

Gough Addr Cambridge
8° 134 -

THE

STUDENT'S HANDBOOK

TO THE

UNIVERSITY OF CAMBRIDGE.

THE

STUDENT'S HANDBOOK

TO THE

𝕌niversity of ℭambridge,

FOR THE USE OF PERSONS INTENDING TO
ENTER AT THE UNIVERSITY.

BY

A. P. HUMPHRY, M.A.

TRINITY COLLEGE, CAMBRIDGE,
ESQUIRE BEDELL.
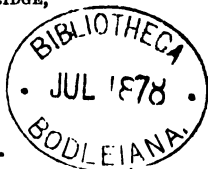
CAMBRIDGE:
DEIGHTON, BELL AND CO.
LONDON: GEORGE BELL AND SONS.
1877.
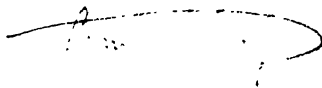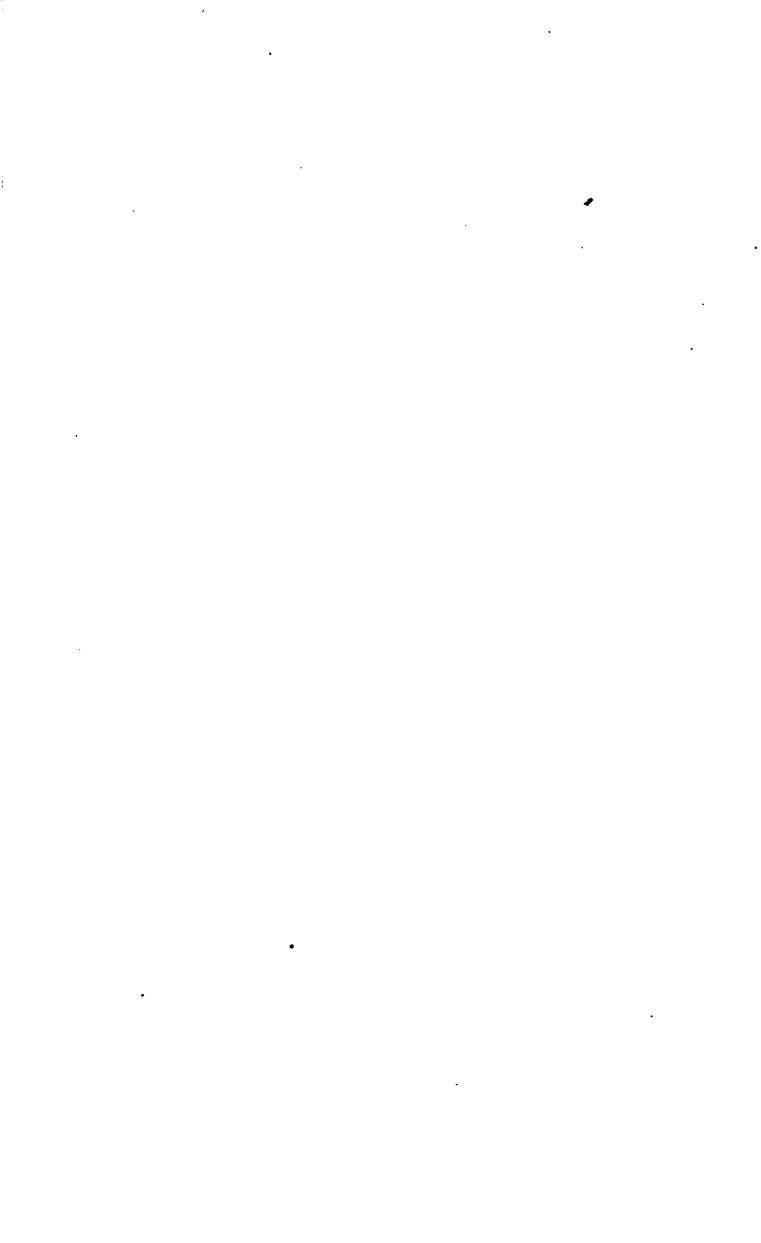
PREFACE.

THE object of this book is to give, with the utmost brevity compatible with clearness, to persons or to the parents of persons intending to enter at the University, the various points of information which they have hitherto often found some difficulty in obtaining.

When fuller information is required than is here given, the Cambridge Calendar (price 6s. 6d.), the Compendium of University Regulations (price 6d.), and the Student's Guide to the University of Cambridge (price 6s. 6d.), may be advantageously consulted.

CONTENTS.

THE STUDENT'S HANDBOOK.

———◆———

THE UNIVERSITY.

THE University is a body corporate, whose object is the promotion of learning. This it effects mainly in three ways;

By providing teachers, together with the appliances necessary for the various branches of study.

By granting Degrees as public evidence of satisfactory attainments.

By substantial rewards given to distinguished Students.

THE COLLEGES.

Associated with the University are 17 Colleges, which provide board and rooms for the Students, and also largely supplement the provisions made by the University for teaching and for discipline. The pecuniary rewards given by the Colleges to

their more successful Students greatly exceed those at the disposal of the University. Each College possesses a Chapel, Library, Dining Hall, and Lecture-Rooms ; and some Colleges have of recent years established Laboratories.

NON-COLLEGIATE STUDENTS.

Since 1869 Students have been admitted members of the University without being required first to enter at a College. Such Students are under the general supervision of a Censor appointed by the Non-Collegiate Students' Board, from whom full information may be obtained. They reside in lodgings licensed by the University, or in the *Cavendish College,* an institution newly established for the reception of Students who desire to pass through the University course a few years younger than the usual age. Full information respecting the Cavendish College may be obtained from the Warden.

ENTRANCE.

Persons who contemplate entering the University must communicate with the Tutor of a College, or with the Censor of the Non-Collegiate Students. Such communication had better be made some months beforehand.

Most Students begin residence in October, when the Academic year commences. There is no restriction as to age, but the usual age is between 17 and 20; and in the Cavendish College the age of the youngest members will probably be 15. A minor must be entered by authority of his parent or guardian, and references are usually expected in the case of an adult.

Every Candidate for admission must present a certificate signed by a Master of Arts of the University attesting the adequacy of his learning and moral character. At Trinity, King's, Caius, and Trinity Hall Candidates for Admission also undergo an Examination.

Persons are admitted to the University and Colleges, and (for the most part) to the rewards and prizes without restriction as to race or creed.

Matriculation, or the formal enrolment of members of the University, takes place on a certain day in each term. If a Student is not matriculated within his first three terms he loses all the terms kept by him before the term in which he is matriculated. Students are presented for matriculation by the Prælectors of their Colleges, or, in the case of Non-Collegiate Students, by the Censor. The proceedings are purely formal, and there is no Examination.

MODE OF PROCEEDING TO A DEGREE.

To obtain any Degree (except in Music) a Student must *inter alia* have resided during two-thirds of each of nine[1] *terms* (not necessarily consecutive) and have passed both parts of the *Previous Examination*, or have shown sufficient merit in the same branches of study in an examination at School under the authority of the Oxford and Cambridge Schools Examination Board (see page 48), or in the Senior or Higher Local Examinations (see page 46). He must also—

> For an *Honour Degree in Arts ;*—pass the Examination in the Additional Subjects in connection with the Previous Examination (or an equivalent Examination under the authority of the Oxford and Cambridge Schools Examination Board, or in the Senior or Higher Local Examinations), and the Tripos Examination in either Classics, Mathematics, Theology, Law, History, Moral Science, Natural Science, Semitic Languages, or Indian Languages.

[1] Seven in the case of noblemen or their sons or heirs apparent proceeding to the B.A. Degree *jure natalium.*

For an *Ordinary Degree in Arts ;*—pass the General[1] Examination and the Special Examination in either Theology, Law, History, Moral Philosophy, Political Economy, Chemistry, Zoology, Botany, Geology, Mechanism and Applied Science, or Music.

By far the greater number of Students proceed to the Arts Degree, and about half of these take Honours. The course of proceeding to a Degree in Arts will therefore first be treated of in detail, and the regulations for Degrees in Divinity, Law, Medicine and Music will be set forth subsequently.

Residence.

There are three terms in every year, viz.;

Michaelmas (or October) Term; Oct. 1st to Dec. 16th.

Lent Term; Jan. 13th to the Friday before Palm Sunday.

Easter (or May) Term; Friday after Easter to the Friday after Commencement Day (last Tuesday but one in June).

Hence a residence of some 21 weeks in each of three years is sufficient to satisfy the University condition of two-thirds of each of nine terms. The Colleges, however, fix the dates in each term, between

---

[1] Not required of noblemen &c. proceeding to the B.A. Degree *jure natalium.*

which they require their Undergraduate members to
be in residence, and thus extend the period of com-
pulsory residence to about 25 weeks in each year.
Many of the more diligent Students reside some-
what longer in each term, and many also receive
permission to study in Cambridge in July and
August in the Long Vacation; but such residence
in Vacation does not count as University residence.
The time of residence in each Term need not be
continuous, but no Undergraduate (*i.e.* Student
who has not taken a Degree) is allowed to leave
Cambridge without the written permission of his
Tutor or Censor.

A term may be allowed to a Student pre-
vented from keeping it by illness, or other urgent
cause.

Residence at Oxford or Dublin may, in the
case of Students who have migrated, be permitted
to count in lieu of a like period of residence in
Cambridge, provided such residence has been kept
in the same manner, and to the same extent, as
would have been required had it been kept at
Cambridge.

Residence must be in a College, or in lodgings
licensed by the University, or with the Student's
parents living in Cambridge, or under specially
approved circumstances with other relatives, or in
his own house. The licences to lodging-houses are

granted under stringent conditions, which place the lodgers under the same disciplinary regulations as the residents in College.

The evidence of a term's residence required by the University is a Certificate from the proper Collegiate or Non-Collegiate official. The Colleges impose various conditions to the granting of this Certificate, *e.g.* regular attendance at the dinner in Hall; and the Non-Collegiate Students are required. to sign their names on five days in each week at the Censor's Office.

The Previous Examination.

The Previous Examination consists of two parts, and also of an Additional Examination for Candidates for Honours. A Student may present himself for either or both parts in his second, or any later term. He may present himself in his first term, but in this case he will not be allowed to pass in either part unless he also pass in the other and in the Additional Subjects.

The Examination is held twice a year, early in June, and on Dec. 5th or 6th.

The Subjects are :

PART I.

(1) One of the Gospels in the original Greek.
(2) One of the Latin Classics.

(3) One of the Greek Classics.

(4) Latin and Greek Grammar, with reference chiefly to the set subjects in Latin and Greek.

PART II.

(1) Paley's Evidences of Christianity.

(2) Euclid, Books I. II. III., Definitions 1—10 of Book V., and Props. 1—19 and A of Book VI.

(3) Arithmetic.

(4) Elementary Algebra up to and including quadratic equations involving two unknown quantities, with the elementary rules of ratio, proportion, and variation.

ADDITIONAL EXAMINATION.

(1) Algebra, viz., the proofs of the rules of Arithmetical and Geometrical Progression, with simple examples; easy problems in elementary Algebra; and the nature and use of logarithms.

(2) Elementary Trigonometry, viz., the modes of measuring angles, trigonometrical ratios, functions of two angles, and the solution of triangles.

(3) Elementary Mechanics, viz., the composition and resolution of forces acting in one plane at a point, the mechanical powers, and the properties of the centre of gravity.

The Candidates must satisfy the Examiners in each subject, and must conform to the rules of grammar and orthography. A fee of 25 shillings has to be paid each time a Student enters for each Part. No fee is paid on entering for the Additional Examination.

Though the University imposes no limit of

time within which a Student must have passed
the Previous Examination, the Colleges and the
Non-Collegiate Students' Board usually decline to
retain Students who fail to pass this or other Uni-
versity Examinations within a reasonable period.

The questions set in this and the other Uni-
versity Examinations are published, and may be
obtained through any bookseller.

Tripos (Honour) Examination.

The Tripos Examinations are the severest and
most important of all that the University con-
ducts. The list of successful Candidates, from as
early a date as they exist on record, are annually
republished in the Cambridge Calendar, and a good
place in them is accepted by the public as con-
clusive evidence of good intellectual attainments.

A Student cannot compete for Honours unless
he enter for the Examination with the rest of the
Students of his year. If, however, he has been
prevented by illness, or other urgent cause, from
studying for a considerable time, or become sud-
denly ill during or shortly before his Tripos
Examination, he may be permitted to "degrade,"
or lapse into a year subsequent to his own. Such
permission is obtained through the Student's Tutor
or Censor.

The dates of the commencements of the Examinations are as follows ;

Mathematical (1st Part), First Monday after Dec. 29th.
,,   (2nd Part), Third   ,,   ,,
Classical, Fourth Monday after the last Saturday in January.

Moral Sciences, last Monday in November.

Natural Sciences (1st Part), the Monday next but two before the last Tuesday but one in June.

Natural Sciences (2nd Part), first Monday in December.

Theological, first Friday after Jan. 2nd.

Law, Second Monday in December.

History, First   ,,   ,,

Semitic Languages, first Wednesday after last Saturday in January.

Indian Languages, Thursday next but one after last Saturday in January.

If the above dates, and the fact that Students almost invariably enter the University in October, be borne in mind, it will be evident that a Candidate for a Tripos usually enters for the Examination three years and a few months from the time when he first came to Cambridge.

The following are the rules for the standing of Candidates for the Triposes ;

A candidate for the Mathematical, Classical, Theological, Semitic Languages or Indian Languages Tripos (the Examination for each of which takes place partly or wholly in the Lent Term) must be in his ninth term at least, having previously kept eight terms, provided that not more than ten terms shall have passed since the first of the said eight terms.

A candidate for the Law or History Tripos (the Examination for each of which is held at the end of the October Term) must be in his eighth term at least, having previously kept seven terms, provided that not more than ten terms shall have passed after the first of the said seven terms.

A candidate for the Moral Sciences (Examination held at the end of November) or Natural Sciences Tripos (Examination held in June and early in December) must be in his eighth term at least, having previously kept seven terms, provided that not more than nine terms shall have passed after the first of the said seven terms.

Students who, having in the ordinary course obtained Honours in one Tripos, desire to enter for another, are in the following cases permitted to enter for such other Tripos a year later than they would otherwise have done.

For the Moral Sciences Tripos,—Students who have obtained Honours in the Mathematical, Classical, Law, or Natural Sciences Tripos.

For the Natural Sciences Tripos,—Students who have obtained Honours in the Mathematical, Classical, Law, or Moral Sciences Tripos.

For the Theological Tripos,—Students who have obtained Honours in the Mathematical, Classical, Moral Sciences, Natural Sciences, Law, or History Tripos. But no Student will be admitted if more than 13 terms shall have passed after his first term of residence.

For the Law or the History Tripos,—Students

who have obtained Honours in any Tripos. But no Student will be admitted if more than 13 terms shall have passed after his first term of residence.

In the case of Candidates for the Semitic Languages, or Indian Languages Tripos, an extension of time amounting to two years is granted to those who have in the ordinary course obtained Honours in another Tripos, provided that no Student shall be admitted if more than 16 terms shall have passed after his first term of residence. Also, a Student who has passed one of the Special Examinations for the Ordinary B.A. Degree may enter for the Examination for either of these two Triposes next succeeding, or next but one succeeding such Special Examination. But no such Student will be admitted if more than 13 terms shall have passed after his first term of residence.

In no case can a Student present himself a second time for any Tripos.

A Student, who obtains Honours in more than one Tripos, obtains (unless the Law Tripos be one of them) no extra Degree for so doing.

In the Mathematical and Natural Sciences Triposes the Examination is divided into two parts, by the first of which is decided the list of those who deserve Honours, by the second the places of the Honour men relatively to each other.

A Candidate for a Tripos who fails to obtain

Honours may be granted an Ordinary Degree, or exemption from the General Examination, in which latter case he will still have to pass one of the Special Examinations.

The details (in some cases altered from year to year) of the subjects of the various Tripos Examinations may be found in the Cambridge Calendar (price 6s. 6d., obtainable through any bookseller).

The following are the numbers of those who obtained Honours in the Triposes of 1876—7.

	Wranglers.	Senior Optimes.	Junior Optimes.	Ægrotat.	Total.
Mathematical	36	29	30	—	95
	1st Class.	2nd Class.	3rd Class.		
Classical	20	28	23	1	72
Moral Sciences					
Natural Sciences	7	12	11	1	31
Law	4	21	10	—	35
History	1	3	7	—	11
Semitic Languages					None.
Indian ,,					None.
Grand Total	68	93	81	2	244

The Ordinary B.A. Degree.

The usual course of a Candidate for the Ordinary B.A. Degree is to pass the Previous Examination in his third term, the General Ex-

amination in his sixth, and the Special Examination in his ninth.

General Examination. Each Candidate must have entered on his fifth term at least, having previously kept four terms and passed the Previous Examination. As in the Previous Examination, Candidates must satisfy the Examiners in each subject, and conform to the rules of grammar and orthography.

. A fee of 25s. is paid for entrance to the Examination.

Candidates for the B.A. Degree, *jure natalium*, are not required to pass the General Examination.

The Examination is held twice in each year, at the end of May and on November 25 or 26.

The Subjects are ;

(1) The Acts of the Apostles in the original Greek.

(2) One of the Latin Classics.

(3) One of the Greek Classics.

(4) Algebra; viz. easy equations of a degree not higher than the second, involving not more than two unknown quantities; the proofs of the rules of Arithmetical and Geometrical Progression, with simple examples; and easy problems in elementary Algebra.

(5) Elementary Statics, treated so as not necessarily to require a knowledge of Trigonometry, namely, the composition and resolution of forces acting in one plane at a point, the mechanical powers, and the properties of the centre of gravity.

(6) Elementary Hydrostatics, namely, the pressure of non-elastic fluids, specific gravities, the properties of elastic

fluids, and the principal instruments and machines whose action depends on the properties of fluids: and Heat, namely, the processes of Conduction, Convection, and Radiation; the effects of heat when applied to Solids, Liquids, and Gases: the construction of a common Thermometer: the comparison of Thermometric scales: the formation of Dew, Hoar-frost, Clouds and Rain: Congelation and Ebullition.

There are also two *voluntary* papers, (1) a piece of English for translation into Latin Prose. (2) One or more subjects for an English Essay, and passages from Shakespeare or Milton to be punctuated or paraphrased. These papers are taken into account in assigning the places in the Class List, but Students are not required to present themselves for them.

Special Examinations. A Student presenting himself for a Special Examination must have entered on his ninth term at least, having previously kept eight terms. A fee of £3. 3s. is paid for admission to the Examination.

The Examinations are held twice in each year, at the close of the May and October Terms.

The Student may select any one of the following branches :—Theology, Moral Philosophy, Political Economy, Law, History, Chemistry, Geology, Botany, Zoology, Mechanism and Applied Science, or Music. The details of the Subjects of Examination in each branch are published in the Cambridge Calendar.

Admission to the B.A. and M.A. Degrees.

A Student who has duly kept his terms, and passed his Examinations, can be admitted to the title of Bachelor Designate in Arts on any day on which there is a Congregation. On the 2nd day of the following May Term the Inauguration (at which he need not be present) takes place, and he is then constituted an actual B.A. The fees for admission are—to the University £10. 10s. (£7 for those who are admitted on one of the three days of General Admission), to the College a sum varying at different Colleges from £1. 12s. to £5. 1s.

Without further residence or examination a B.A. may, after three years from the completion of his Bachelor's Degree, be admitted "ad incipiendum in artibus." On the last Tuesday but one in June all the Inceptors are pronounced to be actual Masters of Arts. The fees for admission are—to the University £12, to the College a sum varying at different Colleges from £4. 4s. to £8. 13s. 6d.

Degrees in Divinity.

Bachelor of Divinity.   A M.A. must be of at least seven years' standing before he can be admitted to the Degree of B.D., and of at least four

years' standing before he can perform the requisite Exercises.

Doctor of Divinity. A B.D. must be of at least five years standing[1] before he can be admitted to the Degree of D.D.

Candidates for either the B.D. or D.D. Degree are required to compose and print a theological dissertation, which must be approved by a majority of the Professors of Divinity. Candidates for the B.D. Degree will also, unless specially exempted by the Professors, be examined by the Regius Professor or his Assessor.

Persons who were on May 11, 1871, Masters of Arts, or Bachelors of Divinity, have, until after the Easter Term, 1880, the option of keeping one Act[2] and preaching one English sermon instead of performing the above exercises.

Degrees in Law.

Bachelor of Law. Those only who have obtained Honours in the Law Tripos are entitled to be admitted to the Degree of LL.B.

Master of Law. A LL.B. or B.A. who has

---

[1] A B.D. of at least 12 years standing from the time of his M.A. Degree may now, if he obtain a special Grace of the Senate, proceed to the D.D. Degree on the performance of the requisite exercises.

[2] For the nature of an Act vide Cambridge Calendar.

obtained Honours in the Law Tripos may proceed to the Degree of LL.M., without further examination, after the completion of three years from his Inauguration.

A B.A. or M.A. who, not having passed the Law Tripos, desires to proceed to the LL.M. Degree, must satisfy the Examiners for the Law Tripos in three of the papers set in the Tripos examination, viz. (1) the English Law of Personal Property, (2) the English Law of Real Property, (3) English Criminal Law.

Doctor of Law. A LL.M. of five years' standing, or a LL.B. or M.A. who was admitted to his Degree before July 31, 1858, may proceed to the Degree of LL.D. by keeping an Act.

Degrees in Medicine and Surgery.

THE DEGREE OF BACHELOR OF MEDICINE.

A STUDENT proceeding to this Degree must

1. Reside in the University two-thirds of each of nine terms.
2. Pass the Previous (or an equivalent) Examination[1].
3. Pursue medical study[2] for five years;

---

[1] See pp. 4, 7 et seq.

[2] As evidence of Medical Study in the University the Student must produce Certificates of diligent attendance in each term on courses of Lectures, or Practical Instruction,

unless he has obtained Honours in the Mathematical, Classical, Moral Sciences, or Natural Sciences Tripos, in which case four years only are required.

There are three EXAMINATIONS for the Degree of Bachelor of Medicine. They are partly in writing, partly oral and partly practical, and include chemical analysis, the recognition and description of specimens (healthy, morbid, and microscopical), dissections, and the examination of patients.

They take place twice annually, commencing on the Monday following the completion of the first two-thirds of Michaelmas Term, and on the Monday following the completion of the first two-thirds of Easter Term.

The subjects of the first Examination are—

1. Chemistry, and other branches of Physics,
2. Botany.

The student may present himself for this Examination at any time after he has passed the Previous Examination. He is required to produce

on some two of the subjects of the Examinations for Medical or Surgical Degrees. *Or*, of diligent attendance in each term on a course of Lectures, or Practical Instruction, on one of those subjects, and *also* on the Practice of Addenbrooke's Hospital. The Lectures or Practical Instruction being given by an University Professor or by a Teacher approved by the Senate. (The above definition applies only to Medical Study at Cambridge. But the required Medical Study may be pursued at any other School of Medicine recognized by the University.)

certificates of having diligently attended one course of Lectures on Chemistry, including Manipulations, and one course on Botany.

The subjects of the second Examination are—

1. Elements of Comparative Anatomy,
2. Human Anatomy and Physiology,
3. Pharmacy and Pharmaceutical Chemistry.

Before presenting himself for this Examination, the student must have completed two years of medical study ; he must have attended Hospital practice during one year, have practised dissection during one season, and must produce certificates of having diligently attended a course of Lectures on each of the following subjects :

1. Elements of Comparative Anatomy,
2. Human Anatomy and Physiology,
3. Pharmacy and Pharmaceutical Chemistry (lectures or demonstrations).

The subjects of the third Examination are—

1. Pathology and the Practice of Physic (two papers),
2. Clinical Medicine,
3. Principles of Surgery,
4. Midwifery,
5. Medical Jurisprudence.

Before presenting himself for this Examination, the student must have completed the course of medical study, must have attended Hospital practice during three years, and must produce certifi-

cates of having attended one course of Lectures on each of the following subjects :—

1. Pathological Anatomy,
2. The Physiological and Therapeutical Actions of Remedies,
3. Principles and Practice of Physic,
4. Clinical Medicine,
5. Clinical Surgery,
6. Medical Jurisprudence,
7. Midwifery,
8. Of having attended ten cases of Midwifery.

And also a certificate of having been Clinical Clerk for six months at least at a recognised hospital ; or of having, subsequently to the completion of his attendance on Hospital Practice, attended to Practical Medicine, with special charge of patients, in a Hospital, Dispensary, or Parochial Union, under superintendence of a qualified Practitioner, unless he himself be duly qualified. Also a Certificate of proficiency in Vaccination, signed by an authorised Vaccinator appointed by the Local Government Board.

After these examinations have been passed, an Act must be kept in the Schools in the following manner :

The Professor of Physic assigns the day and hour for keeping the Act, of which public notice has to be given eight days before. The Candidate reads a thesis, composed by himself on some subject approved by the Professor; the

Professor brings forward arguments or objections for the Candidate to answer, and examines him *vivâ voce* as well on questions connected with his thesis as on other subjects in the faculty of a more general nature. The exercise must continue at least one hour.

THE DEGREE OF DOCTOR OF MEDICINE

may be taken by a Bachelor of Medicine in the ninth term after his inauguration (this occurs on the Commencement Day next following the admission to the degree). He is required to produce certificates of having been engaged five years in medical study, to keep an Act similar to that for M.B., and to write a short extempore essay on some one (at his choice) of four topics relating severally to Physiology, Pathology, Practice of Medicine and State Medicine. He pays ten guineas to the Registrary for this Act.

A Master of Arts may proceed to the degree of M.D. in the twelfth term after his inauguration as M.A. without having taken the degree of M.B. He must pass the three examinations for M.B., and keep the Act for the M.D. degree. He must produce certificates of having been engaged five years in medical study, and the same certificates of attendance on Lectures and Hospital Practice as are required of the candidate for the degree of M.B.

THE DEGREE OF MASTER IN SURGERY.

The subjects of the Examination for this degree are—

1. Surgical Anatomy,
2. Pathology and the Principles and Practice of Surgery,
3. Clinical Surgery.

Before admission to this Examination the candidate must have passed all the examinations for the degree of M.B., and must produce certificates of having attended the surgical practice of a Hospital for three years, of having been House-Surgeon or Dresser for six months, and of having attended—

1. A second course of Lectures on Human Anatomy,
2. One course of Lectures on the Principles and Practice of Surgery,
3. Lectures on Clinical Surgery during one year,
4. Of having practised Dissection during a second season.

The examination takes place at the same time as those for M.B., and in a similar manner. The candidate is required to perform operations on the dead body, and to examine patients in the Hospital.

A notice is published early in the Michaelmas and Easter Terms, stating when the Examinations for Medical and Surgical degrees respectively commence, and the date when candidates are required to send to the Regius Professor of Physic notices of their intention to offer themselves for examination and the necessary certificates.

Each candidate pays three guineas to the Registrary of the University on giving notice of his intention to offer himself for his first examination. He pays two guineas before the second examination.

Schedules defining the range of subjects in the first examination, and of the Comparative Anatomy in the second examination, also schedules for the requisite certificates, and a list of the Schools of Medicine recognised by the University, may be obtained, on application, from the attendant at the Anatomical Museum.

On the student's commencing medical study a certificate to that effect in the form prescribed by the Medical Council must be sent to the Registrar of the Medical Council, 315, Oxford Street, London, within 15 days of the commencement of the Medical Courses.

Nearly all students take the B.A. degree before proceeding to the M.B. Many do this through the Natural Sciences Tripos.

Certificates in Sanitary Science. The University annually in October holds Examinations (open to any person 24 years of age, whose name is on the Medical Register) in so much of State Medicine as is comprised in the functions of Officers of Health, and grants Certificates to Candidates who pass satisfactorily. Holders of these Certificates are designated briefly by the initials S. Sc. Cert. Camb.

Full information may be obtained from Prof. Liveing, Cambridge.

Degrees in Music.

No residence is required for the Degrees of Bachelor and Doctor of Music, but the Candidate must be a Member of a College. He must, before entering upon the Examination for the Degree of Mus. Bac. (unless he present himself for the Examination before the end of the Easter Term, 1879, being at the time of such Examination over 30 years of age), have passed Parts I. and II. of the Previous Examination ; *or* produce evidence of having passed in one of the Senior Local Examinations in English Grammar and Arithmetic, and in two of the subjects in section B (English History, Geography, a work of some standard English writer, Political Economy), and in one of the sub-

jects of sections C and D (Latin, Greek, French,
German) and in Euclid and Algebra ; *or* produce
a Certificate of having passed in one of the Higher
Local Examinations; *or* produce the Certificate of
the Oxford and Cambridge Schools Examination
Board.

The Examination for the Degree of Mus. Bac.
consists of three parts, which must be passed suc-
cessively in the following order :

1. A Preliminary Examination in (a) Acoustics, (b)
   Harmony, (c) Counterpoint.
2. The Exercise, composed (not necessarily on a
   sacred subject) for voices and full orchestra.
3. A more advanced Examination in Musical Science.

Candidates for the Degree of Doctor of Music
are required to pass an Examination and to com-
pose an Exercise.   The latter must be publicly
performed before the University.

A person who, having fulfilled all the required
conditions, very highly satisfies the Professor, may
be admitted to the Degree of Mus. D. without
having first proceeded to the Degree of Mus. B.

Honorary Degrees.

Degrees may be conferred, by Grace of the
Senate, on persons of distinction, without residence
or examinations or exercises.

PECUNIARY EXPENDITURE.

Original Outlay.

The following sums are paid by persons entering the University ;

	Caution Money.	Matriculation.
	£	£ s. d.
[1] Nobleman	50	15 10 0
[2] Fellow Commoner	25	10 10 0
Pensioner	15	5 0 0
[3] Sizar	10	0 15 0
Non-Coll. Student	2	0 15 0

At most Colleges an entrance fee has also to be paid. For a Pensioner it in no College exceeds £5.

The Caution money is returned to the Student, subject to deductions for sums due, when he takes his name off the College boards, or it is credited to him when he compounds (as he may on becoming a M.A.) for all future University and College charges.

---

[1] Very few now enter the University as *noblemen*, persons of that rank generally join the Pensioners, of whom the great majority of the Students consists.

[2] Fellow Commoners are usually persons of greater age than the ordinary Students, they dine at the Fellows' table in the College Hall. They are admitted only at certain Colleges.

[3] Sizars are deserving Students who, needing pecuniary assistance, are admitted in limited numbers by many of the Colleges at somewhat reduced charges.

As all College rooms are let unfurnished the Student will have to provide furniture. Usually the furniture of the outgoing tenant is taken over at a valuation by his successor. The rooms occupied by each Student are two, sitting room and bedroom, and there is also a "gyp room," or closet for washing up and larder purposes.

When a College is full, the Tutor usually engages lodgings[1] for such of the Freshmen as cannot be accommodated. The lodgings are let furnished, but in them, as well as in College, the occupant "finds" house linen, crockery, glass and cutlery. As lodgings are let *by the Term*, either landlord or tenant may determine the tenancy without notice at the end of any term, unless a special arrangement has been made for its continuance.

The expense of furniture and outfit depends upon the taste of the Student; the furnishing of College rooms cannot well cost less than £15, and generally costs over £30, but a great part of the outlay will be recovered when the rooms are quitted. The expense of crockery, &c., ranges from £3 to £10. House linen is usually brought from home.

---

[1] If a Student engage lodgings for himself, they must be approved by his Tutor or Censor.

A cap and gown will be required, costing from £3 to £5.

The total original outlay of a Freshman, who enters rooms in College, will amount, exclusive of Caution money, to at least £26.

Annual Expenditure.

The *Student's Guide* gives the following estimate of the lowest rate of annual expenditure for a Pensioner who is a member of a College. Expenses incurred in Vacation time are not included, nor is the original outlay, nor the various fees for examinations and for admission to the B.A. Degree, which fees will amount during the University course to upwards of £11.

	£
College Bills	80
Grocer and Bookseller	12
Travelling to and from Cambridge . .	6
Pocket Money	10
Personal expenses and entertainments .	30
	138

The above estimate will only hold good for Students who exercise strict economy, and abstain from many of the social advantages of the University. But experience shews that with £200 a year an economical Student can to a reasonable extent enjoy the social and other recreations that form a legitimate part of University life, and can

reside at Cambridge for two months in the Long Vacation, the expense of which residence in Vacation need not exceed 25s. a week. The expense of reading with a private tutor, whose fee would be £8 for each term and £12 for the Long Vacation, is not included in this estimate.

Although the items of a College bill are usually difficult to comprehend, it should be understood that the Colleges do not make any profit out of the Undergraduates, and that the payments direct and indirect are so calculated that each man shall pay no more than his fair share of the general expenses of the establishment.

A Non-Collegiate Student is exempted from the necessity to contribute to the College expenses, and considerable reductions have been made in his favour in the fees payable on entering the University. He is able, by occupying lodgings further from the centre of the town, to effect a saving in his rent; and living, as he does, independently, he can economize at will in his mode of living. The Censor has published facts which prove that Non-Collegiate Students who reside only the minimum period required in each term, and exercise strict economy, are able to keep down their Cambridge expenses to £50 per annum, not including travelling, clothes, and other personal expenses.

PECUNIARY REWARDS.

At the disposal of the *University* are 49 Scholarships or Exhibitions, ranging in value from £15 to £100 per annum, tenable for periods varying in different instances from three to seven years. These Scholarships, being for the most part open to the whole body of students, are far more difficult to obtain than those which are offered by the various Colleges to their own members.

Numerous medals and prizes are also offered by the University to the best proficients in the various branches of study.

The University possesses the right of presentation to two livings; and the Statute which disables Roman Catholics from presenting to any Ecclesiastical Benefice, or nominating to any Free School, Hospital, or Donative, makes over to the University their rights of patronage within one half of England and Wales, the similarly lapsing rights within the other half being allotted to the University of Oxford.

There are 34 Professorships, the salaries attached to which range for the most part from £300 to £500, and there are numerous other official posts occupied by members of the University at various salaries. It is right here to mention that

the management of the affairs of the University and of its institutions is for the most part carried on by Syndicates, whose members serve gratuitously.

The amount of pecuniary rewards given by the *Colleges* is greatly in excess of that given by the University. The Colleges, it is computed, give annually about £25000 in Scholarships, Exhibitions, and prizes. The total number of Fellowships in the various Colleges is 359, the average annual value of each Fellowship being about £300, tenable under various conditions for life or for a term of years. A Fellow who resides in Cambridge can usually add to his emoluments by holding a lectureship or other College office.

There are upwards of 300 livings in the gift of the Colleges, and each vacant living is offered to the Fellows of the College in rotation according to seniority. Each College has a Head, in most Colleges appointed by the Fellows from among their own body. The Head occupies an excellent residence attached to the College and receives a fixed income, the amount of which varies at the different Colleges, but is in most cases between £1000 and £2000.

The following table of the rewards given by the Colleges and of the number of their Undergraduate members will be found approximately accurate, but

variations, especially in the Scholarships, are made
from time to time.   Some of the Scholarships are
restricted to ex-pupils of particular schools.

	Fellowships.	Scholarships, Exhibitions, &c. of annual value of £20 and upwards.	Sizarships.	Church Livings.	No. of Undergraduates at Easter, 1877.
St Peter's	14	23		11	37
Clare	18	41		17	100
Pembroke	13	28		12	79
Caius	32	44		18	134
Trinity Hall	13	23		6	163
Corpus	12	37	15	10	146
King's	46	55		37	47
Queens'	14	21		11	52
St Catharine's	9	25	8	6	57
Jesus	16	37		16	177
Christ's	15	35	4	16	131
St John's	56	127	49	51	362
Magdalene	8	26	4	6	52
Trinity	60	89	16	65	550
Emmanuel	15	36	4	23	68
Sidney	10	37	1	8	45
Downing	8	13		1	64
Non Coll. Students		3			96
Total	359	700 ·	101	314	2360

Students are not elected to Fellowships until
they have taken a Degree.

Most of the Scholarships are awarded to Stu-
dents already in residence; but the Colleges, with

the exception of Corpus College, offer some scholar-
ships in each year to persons who are about to
enter the University.   In 1877 upwards of 80
Scholarships and Exhibitions were so offered, the
examinations being held at various times in the
first half of the year. (Vide Appendix.)

It is worth while to notice that the severity of
competition renders the obtaining of a Scholarship
usually more difficult at the larger than at the
smaller Colleges.

Although the rewards are chiefly given for
proficiency in Classics and Mathematics, yet many
of the Colleges are in the habit of rewarding,
in like manner, those who shew proficiency in
the other branches of study recognized by the
University.

DISCIPLINE.

In the *University* the duty of maintaining dis-
cipline devolves mainly upon the two Proctors
and the two Pro-Proctors, who for this purpose
are armed with certain special legal powers. They
patrol the streets at such times as they think
desirable, and take cognizance of any violation of
morality or decorum, communicating, when they
see fit, with the College authorities, or laying a
complaint before the Vice-Chancellor.   They pun-
ish minor offences, such as the non-wearing of the

cap and gown at times when they ought to be worn, by imposing fines.

Every person in [1] statu pupillari is bound under severe penalties to state his name and college to *any member of the Senate* who asks it of him.

The cap and gown are to be worn in Cambridge and its neighbourhood at all times on Sundays, and after sunset on other days; also in the University buildings, at Lecture, in Hall, in Chapel (except when the surplice is directed to be worn), and when the student is visiting any University or College officer in his official capacity.

Persons in statu pupillari are forbidden:

To take part in Gaming transactions in any way.

To have dealings with Money Lenders.

To resort to, or take part in, meetings for the purpose of pigeon shooting.

To take part in a steeple chase.

To ride in a horse-race, or otherwise promote horse-racing.

To drive tandems or four-in-hand carriages.

To discharge firearms, air-guns, saloon pistols, or any small arms of the like nature within the precincts of the University, except in the way of [2] military duty.

To give or join in giving an entertainment at a Tavern, without the permission of their College Tutor, or, if they

[1] This expression includes all Students under the Degree of M.A.

[2] *e.g.* at the parades or target-practice of the University Rifle Volunteers.

be Non-Collegiate Students, without the permission of the Censor.

To resort to any unfair means, by copying or otherwise, of passing any public Examination.

The commission of any of the above offences will be punished by Suspension, Rustication, Expulsion or otherwise.

Any person who directly or indirectly lends, or aids in the lending of, any sum of money to any person in statu pupillari is liable to be discommuned. The names of discommuned persons are posted in the College Hall, and all dealings with them by persons in statu pupillari are interdicted under severe penalties.

Any Student who has unguardedly fallen into the hands of a money-lender is strongly recommended at once to disclose the fact to his Parents or his Tutor. Probably this is the only step which can save him from a long course of extravagant extortion.

Whenever a member of the University is charged before a J. P. with any offence, the Vice-Chancellor is entitled to a copy of the depositions.

A Student, threatened with any legal action, should communicate with his Parents or Tutor before *in any way* compromising himself in the matter.

A copy of the Compendium of University Regu-

lations is given to each Freshman, who cannot thereafter justify himself by the plea of ignorance of its contents.

Each *College* has its own disciplinary regula-lations; the officers whose duty it is see to their enforcement are the Deans. As a general rule, the Colleges and lodging-houses are locked up at 10 p.m., after which time no inmate in statu pupillari is allowed to go out; the names of all who come in after that hour are recorded, and to come in after 12 is held to be a serious offence.

Undergraduate Members of Colleges are in most cases required to attend regularly at some of the College Lecture courses, at the dinner in Hall, and (unless they be non-conformists) at a certain num-ber of the services in Chapel during the week as well as on Sundays.

Punishments by the College authorities usually consist of fines, " gating," i.e. confinement within the College gates or the student's lodgings after a fixed hour in each evening, and, in extreme cases, rustication or expulsion.

The Tutor stands *in loco parentis* to the Stu-dents of his College, and he should be invariably applied to whenever a Student finds himself in need of advice or help.

PROFESSORS AND TEACHERS.

In 1877 the list of the Professors was as follows :

Margaret of Divinity: J. B. Lightfoot, D.D., Trin.
Regius of Divinity: Brooke Foss Westcott, D.D., Trin.
Regius of Civil Law: E. C. Clark, LL.D., Trin.
Regius of Physic: G. E. Paget, M.D., F.R.S., Caius.
Regius of Hebrew: T. Jarrett, M.A., Trin.
Regius of Greek: B. H. Kennedy, D.D., Joh.
Arabic: W. Wright, LL.D., Queens'.
Lucasian of Mathematics: G. G. Stokes, M.A., F.R.S., Pemb.
Moral Philosophy: T. R. Birks, M.A., Trin.
Music: G. A. Macfarren, Mus. Doc., Trin.
Chemistry: G. D. Liveing, M.A., Joh.
Plumian of Astronomy: J. Challis, M.A., F.R.S., Trin.
Anatomy: G. M. Humphry, M.D., F.R.S., Down.
Modern History: J. R. Seeley, M.A., Christ's.
Lord Almoner's of Arabic: E. H. Palmer, M.A., Joh.
Botany: C. C. Babington, M.A., F.R.S., Joh.
Woodwardian of Geology: T. McK. Hughes, M.A., Trin.
Lowndean of Astronomy: J. C. Adams, M.A., F.R.S., Pemb.
Norrisian of Divinity: C. A. Swainson, D.D., Christ's.
Jacksonian of Natural Experimental Philosophy: J. Dewar,
    M.A., F.R.S., St Peter's.
Downing of Law: W. Ll. Birkbeck, M.A., Down.
Downing of Medicine: P. W. Latham, M.D., Down.
Mineralogy: W. H. Miller, M.D., F.R.S., Joh.
Disney of Archæology: Churchill Babington, B.D., Joh.
Hulsean of Divinity: J. J. S. Perowne, D.D., Trin.
Political Economy: H. Fawcett, M.A., M.P., Trin. Hall.
Sadlerian of Pure Mathematics: A. Cayley, M.A., F.R.S.,
    Trin.
Zoology and Comparative Anatomy: A. Newton, M.A.,
    F.R.S., Magd.
Sanskrit: E. B. Cowell, M.A., Corpus.

International Law: Sir W. G. G. V. V. Harcourt, M.A., Q.C., M.P., Trin.

Latin: J. E. B. Mayor, M.A., Joh.

Slade of Fine Art: Sidney Colvin, M.A., Trin.

Experimental Physics: James Clerk Maxwell, M.A., F.R.S., Trin.

Mechanism and Applied Mechanics: James Stuart, M.A., Trin.

Each Professor delivers a course of Lectures during one term at least in every year. Some Professors, aided by Demonstrators and Assistants, also hold classes for practical instruction at the Museums or Laboratories.

Each College has a regular staff of Lecturers, whose Lectures are in some cases open, by arrangement, to the Students of other Colleges. The College Lectures are so schemed that each Student may attend Lectures upon the subjects of the particular University Examinations for which he is preparing. Examinations in the subjects of the Lectures are held at various times in the different Colleges, and Scholarships and Prizes are in many cases awarded to the best proficients.

There are numerous "coaches" or private tutors, of whose assistance the Students largely avail themselves.

Each Student should discuss with his College Tutor the course of examinations upon which he proposes to enter, and the mode in which he had best prepare for them.

UNIVERSITY INSTITUTIONS.

Divine Service in Great St Mary's Church.

A sermon is preached by a Select Preacher at two o'clock on every Sunday during Term, and during those parts of the Vacations in which some of the Students are usually in residence. Sermons are also preached on Saints' Days, Good Friday, Ascension Day, Christmas Day and on the two Commemoration Sundays.

The Senate House.

Persons in statu pupillari in academical dress are admitted, on condition of orderly behaviour, to the Galleries of the Senate House when Degrees are conferred or Prize Exercises recited. On special occasions the admission is by tickets obtainable through the Tutors or the Censor.

University Library.

A Member of the Senate may take out Books to the amount of ten volumes at a time in his possession.

Every Tutor of a College may grant to any resident B.A. or LL.B. of his College a written permission to take out books to the amount of five

volumes; the titles of such books are to be stated in the written permission.

There are four dates in each year on which all books taken out must be returned.

The Library is open to Graduates (except on certain holidays) on Saturdays from nine till one, and on other week-days from ten till four. Undergraduates in academical dress are admitted for the purpose of consulting books during the last three hours that the Library is open on each day. Strangers can only be admitted when accompanied by a Graduate.

The University Press.

This Press, together with the Oxford University Press and the Queen's Printer, has the privilege of printing Bibles and Prayer books in England and Ireland.

Admission on Tuesdays, Thursdays and Saturdays to strangers and persons in statu pupillari from twelve to one, if accompanied by a Master of Arts.

The Fitzwilliam Museum.

This Museum contains valuable collections of paintings, casts, marbles, coins, vases and other objects of art. The collection of prints is one of the best in Europe, especially as regards the works of the early German and Netherland masters.

The Museum is open on every week-day (except on certain holidays and cleaning days) from ten till four from September 1st to April 30th; and from ten till six from May 1st to August 31st. The public are admitted except on one day in each week, on which admission is reserved to Members of the University (provided that, if Undergraduates, they wear academical dress) and their friends accompanying them.

Any person desiring to copy the pictures or other objects must apply to the Vice-Chancellor for permission, having first obtained a recommendation signed by a Member of the Senate. The application must be made through the Director of the Museum.

The Library, which contains the prints, is open, on the same days as the Museum, to Graduates and persons with them from ten to four during the whole year, and to Undergraduates provided with tickets signed by themselves and countersigned by the Tutors of their respective Colleges.

Divinity and Literary Schools.

A building containing lecture-rooms, a library, and other conveniences for the furtherance of the study of Divinity and of Literature is about to be erected in a central position.

The Botanic Gardens.

Open on week-days to Members of the University and respectably dressed strangers, from 8 A.M. till dusk in November, December, January and February; from 7 A.M. till 6 P.M. in March, April, September and October; and from 7 A.M. till 8 P.M. in May, June, July and August.

The hot-houses may be visited by Members of the Senate at all times when the Garden is open; by other persons, if accompanied by the Curator, from one till four.

The Observatory.

Open on week-days from 12.30 to 1.30 to members of the University and their friends with them.

A small Observatory for the use of Students is attached to the Lecture-room of Prof. Challis.

The Geological Museum

contains an excellent collection of fossils, rocks and minerals.   Open daily from ten to four.

The Museums of Mineralogy, Botany, Comparative Anatomy, Zoology, and Mechanism.

These are in a new Building on the site of the old Botanic Garden. Admission daily, on application at the Porter's lodge in Free School Lane.

The Anatomical School.

Devoted to Human Anatomy and Pathology. Demonstrations (microscopical and otherwise) are given, and dissection is carried on. There are collections of specimens, and books and current periodicals and microscopes are kept for the use of Students.

The Chemical Laboratory.

Capable of containing 40 students working at the same time. Open from ten till six, for the use of Students under the supervision of the Professor or Demonstrator.

The Cavendish Laboratory.

Recently erected and furnished with apparatus at great expense and presented to the University by the Chancellor, the Duke of Devonshire. It contains many rooms and affords every facility for research in Physical Science. Open daily from ten to six for the use of Students under the supervision of the Professor or Demonstrator.

Addenbrooke's Hospital.

Addenbrooke's Hospital, though not a University institution, is visited by the Medical Students of the University. The Fees for Attendance, Clinical instruction, and Lectures (medical as well

as surgical) are :—8 guineas for six months, 10 guineas for one year, and 15 guineas for an unlimited period.

The Hospital contains 120 beds.

Clubs, &c., supported by the Students.

Many institutions are supported by the Students for their own benefit and amusement; among these are the *Union Society*, possessing a commodious Club House with library and rooms for debates and reading; the *Pitt Club*, a society somewhat similar to the Union but limited as to numbers; the *A. D. C.* (*Amateur Dramatic Club*) whose theatrical performances in each October Term are largely attended; the *Rifle Corps*, a Battalion of six Companies, whose Parades are held frequently in Term time, and whose Rifle Range is one of the best in England; the University and College *Boat Clubs*, whose members in large numbers occupy the river every afternoon; the *Cricket Clubs, Athletic Clubs, Skating Club, Bicycle Club*, and many others.

There are also many associations not having any special head-quarters, whose members meet together for religious, literary or other purposes. The *Church Society*, established in 1872, numbers (1877) some 600 past and present members of the University. There is a *Temperance Society*, there

are societies for Debate, for reading Shakespeare, &c., &c.

At the *Jesus Lane Sunday School*, attended by over 600 pupils, the teaching is conducted entirely by University-men. Weekly short concerts and occasional grand concerts are given by the *University Musical Society.* It would be impossible to name all the societies which exist ; they are as numerous as the tastes from which they spring.

UNIVERSITY LOCAL EXAMINATIONS.

These Examinations are held each year in December, at various centres throughout the country. They include the usual subjects of School Education, and are open to pupils of both sexes. The Candidates are either Seniors, under 18 years of age, or Juniors, under 16. Each Candidate pays a fee of £1 to the University, and a fee of from five to ten shillings to the local Secretary to defray local expenses. Successful Candidates obtain certificates stating in detail the subjects in which they shewed proficiency.

In 1876 the numbers of Candidates were : Boys 3002, Girls 1679. There were 76 centres for boys and 60 for girls.

Higher Local Examinations for men and women who are above $18\frac{1}{2}$ years of age, or have obtained a first class in the Senior Local Examinations, are conducted annually in July, in the same manner as the Local Examinations. Each Candidate pays a fee of £2, and, after obtaining a Certificate, £1 for each subsequent Examination.

In 1876, 352 Candidates entered.

Examinations of Schools. The Local Examination Syndicate sends Examiners to inspect and report on any Schools which apply for Examiners. In 1876, 49 Schools were so examined.

Information as to any of the above Examinations may be obtained from the Secretary, the Rev. G. F. Browne, Cambridge.

Holders of certificates of proficiency may be exempted from the preliminary Examinations of Candidates for admission to one of the Inns of Court, of persons desirous of being bound under Articles previous to becoming Solicitors, and of Medical Students.

Holders of certificates of having shewn a certain standard of proficiency, defined for this purpose, in certain parts of the Senior or Higher Local Examinations, may be excused from passing the corresponding parts of the Previous Examination, or the Additional Subjects of the Previous Examination.

OXFORD AND CAMBRIDGE SCHOOLS EXAMINATION BOARD.

This Board conducts examinations at Schools which have a regularly constituted Governing Body, or of whose pupils a fair proportion enter the University. Holders of certificates of proficiency may be exempted from the necessity of passing the subjects named in their certificates in the entrance Examination of any College, the Previous Examination or its Additional subjects, the Preliminary Examinations of Medical Students, the Examination of the Royal Institute of British Architects, the non-competitive portions of the Examinations for first appointments in the Army and for admission to the Royal Military Academy at Woolwich.

The Board has recently undertaken the Examination of Girls' Schools.

The Regulations of the Board are obtainable, price 6d., through any bookseller.

Information may be obtained from the Cambridge Secretary, E. J. Gross, Esq., Caius College, Cambridge.

LECTURES IN POPULOUS PLACES.

During the last few years a Syndicate, appointed by the University, has sent lecturers to deliver courses of lectures on various subjects in such of the large towns of England as have applied for them. The members of the classes are examined in the subjects of the lectures. The scheme has met with very great success; during the last few months of 1876 lectures were given in 31 towns to about 5000 pupils. In a few towns large sums have been given for the establishment of permanent institutions to carry on the work.

The Secretary of the Syndicate is the Rev. G. F. Browne, Cambridge.

SPECIAL ADVANTAGES OBTAINED BY UNIVERSITY MEN IN QUALIFYING FOR VARIOUS PROFESSIONS.

The Church.

Each Bishop exercises his own discretion in the admission of persons to Holy Orders. But all the Bishops make enquiry as to the previous general education of their Candidates, and a University Degree is usually accepted as sufficient in this

respect. From this cause, and from the fact that University Graduates more readily than others obtain preferment in the Church, the great majority of persons who intend to be ordained enter at the University. If a Candidate has obtained Honours in the Theological Tripos, the fact of his having done so is necessarily taken into account by the Bishop.

Attendance on two courses of the lectures of the Divinity Professors is usually required by the Bishops of Candidates for Ordination who are Members of the University.

All Candidates for Deacons' Orders must be at least 23 years of age.

In the case of a Fellow of a College, residence in Cambridge for the purpose of work in the University constitutes a "title" for Ordination.

A Preliminary Examination of Candidates for Holy Orders is held twice a year under the management of the Cambridge Divinity Professors and others, and of Examining Chaplains nominated by the Bishops who take part in the scheme. The Examination is open to Graduates of the Universities and under certain conditions to members of Theological Colleges and other Candidates for Ordination recommended by the Bishops. The majority of the Bishops recognize the results of this Examination.

The teaching of Theology in the University has of late received much attention, and the number of lectures has been largely increased, so that ample instruction of the best kind is obtainable by Students at very slight expense.

There is every opportunity for Undergraduate members of the University to gain experience in parochial work by lending their assistance to the clergy of the town.

The Army.

Candidates for First Appointments in the Army, except Lieuts. of Militia, are required to pass through a year's course as Cadets at the Royal Military College. The number of cadets admitted to the College depends on the requirements of the Service.

A certain number of Cadetships is annually allotted to University candidates, who must have passed a public University Examination. When, as in fact always happens, there are more University Candidates than vacancies, the required number is chosen by competitive examination in July or December. The limit of age[1] for Students who have passed the Cambridge Previous Exami-

[1] The limit of age for Candidates, not members of the University, by open competitive examination, is from 17 to 20.

nation is from 17 to 21; for Graduates, from 17 to 22. Unsuccessful candidates may compete a second time only, provided that "Students" shall not have exceeded their 22nd year and Graduates their 23rd year at the time of such second Examination.

At the end of the year's course all Cadets are required to pass an Examination in the field and on paper, and, if successful, are gazetted to Second Lieutenancies in the order in which they have passed. If unsuccessful, they may not return to the Royal Military College, but are allowed an opportunity of passing at the next examination, but not afterwards.

Lieuts. of Militia recommended for first Commissions in the Army are required *inter alia* to pass an examination in general knowledge. Those who have passed the Cambridge Previous Examination are exempted from this examination.

Cadets who have already become proficient in the ranks of the University Corps escape much of the tedious instruction in drill which would otherwise have fallen to their lot.

The Bar.

Candidates for admission as Students of an Inn of Court are required to pass a preliminary Examination in English, Latin, and in English

History.   Before he can be called to the Bar each Student must keep twelve Terms (there are four Terms in each year) by dining in the Hall of his Inn on six nights during each Term kept.   He must also have passed an Examination, conducted by the Council of Legal Education, in Roman Law, the Law of Real and Personal Property, Common Law, and Equity.   The Examination is held shortly before each Term, and the list of successful Candidates is published in time to enable them to be called on the proper day in the Term following the Examination.

Members of the University who have passed a public University Examination are exempted from passing the preliminary Examination for admission.   The number of dinners required of Members of the University for the keeping of each Term is three only, instead of six.   The Council of Legal Education may accept a Degree in Law granted by the University as an equivalent for any portion of the Examination previous to Call to the Bar, except Common Law and Equity.

No Student can be called to the Bar until he is 21 years of age.

Solicitors.

A person desirous of becoming a Solicitor, is required to pass an Examination in general knowledge previous to being bound under Articles. He must remain under Articles five years, during which time his progress is tested by an intermediate examination in legal knowledge. Previous to admission he is required further to pass a final examination in the details of all matters of business usually transacted by solicitors.

Persons who have passed the Previous Examination are exempted from the Examination in general knowledge previous to Articles.

Graduates are required to remain under Articles three years only, instead of five.

Medicine and Surgery.

A Degree in Medicine or Surgery granted by the University constitutes a legal qualification to practice.

The Previous Examination is accepted as a test of general knowledge by the Medical Council and most of the licensing bodies.

Graduates in Arts, who are candidates for the Membership of the College of Physicians, are exempted from the Primary Examination.

Graduates in Arts, who are candidates for the

Fellowship of the College of Surgeons, are exempted from the Preliminary Examination; and are required to produce certificates of medical study during five years only, instead of six.

Attendance at Addenbrooke's Hospital, and on the Anatomical, Chemical, and other Lectures delivered by the Professors, and dissection in the Anatomical School, are recognised by the licensing bodies in London, as well as by the University; so that the student may complete the earlier part of his medical education (viz. up to the second M.B. Examination and the first Examination for the Membership or the Fellowship of the College of Surgeons) in Cambridge. The various fees paid in so doing amount to about 30 guineas.

Opportunities for clinical instruction in Mental Diseases are afforded at the County Asylum at Fulbourn, about three miles from Cambridge.

———————
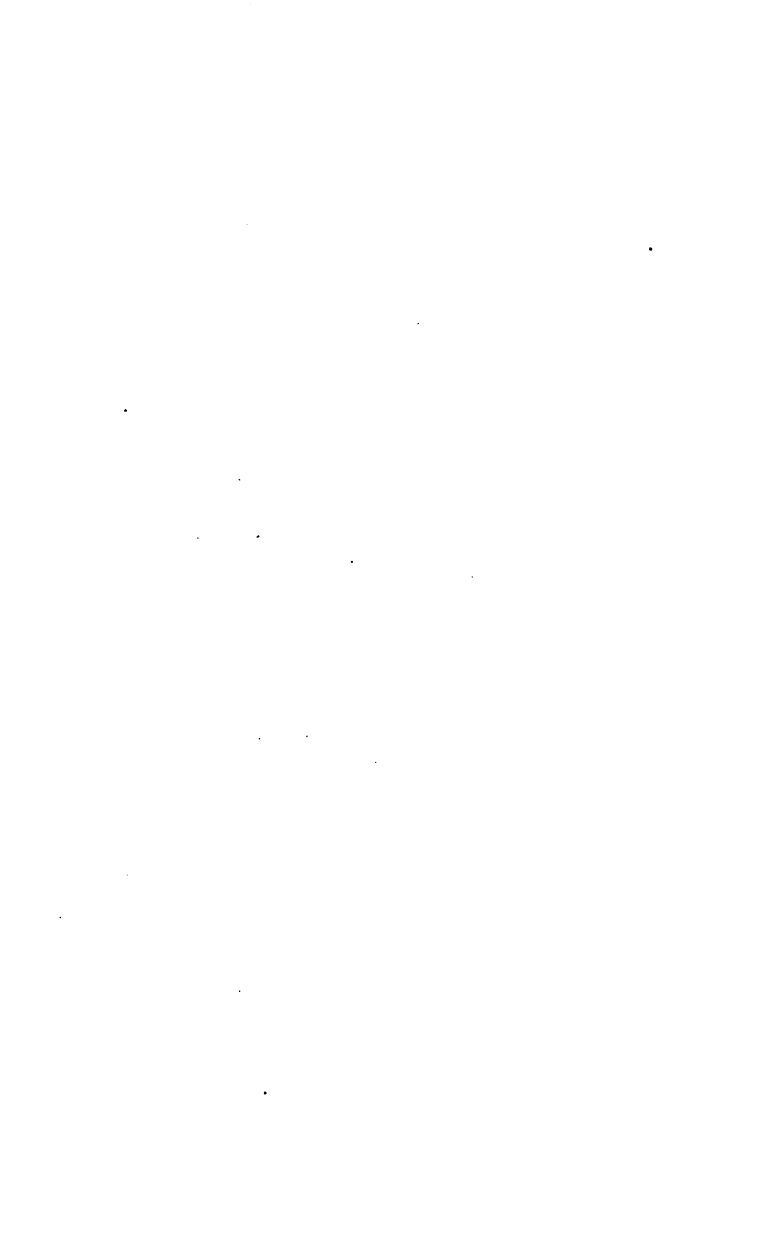
APPENDIX.

OPEN SCHOLARSHIPS AND EXHIBITIONS OFFERED TO PERSONS INTENDING TO COMMENCE RESIDENCE IN OCTOBER, 1877.

(Compiled by the Author for the "Cambridge University Reporter.")

ST PETER'S COLLEGE.

One Scholarship of £80 and three of £60 per annum, tenable till the holders are of standing for the B.A. degree. Candidates must be under 21 years of age on Oct. 21. Date of Examination, March 15 and 16. Subjects: Classics and Mathematics.

CLARE COLLEGE.

Three Scholarships at least, viz. one for Classics, one for Mathematics, and one for Natural Science, each of the value of £60 per annum, tenable for two years. No person will be eligible who shall have been already elected to a Scholarship at another College. Date of Examination, March 20 and three following days.

PEMBROKE COLLEGE.

One Scholarship of £80, two of £60, and three of £40 per annum, tenable till the holders are of standing for the B.A. degree. Candidates must be under 20 years of age. Date of Examination, March 20 and three following days. Subjects: Classics and Mathematics.

CAIUS COLLEGE.

Three Scholarships at least, viz. one for Classics, one for Mathematics, and one for Natural Science, each of the value of £60 per annum, tenable for two years. No person will be eligible who shall have been already elected to a Scholarship at another College. Candidates for the Classical and Mathematical Scholarships must be under 20 years of age. Date of Examination, March 20 and three following days.

The successful Candidates for the five Tancred Medical Studentships, each of the annual value of £100, are required to enter at this College. Information may be obtained from B. J. L. Frere, Esq., 28, Lincoln's Inn Fields, London.

TRINITY HALL.

Two Exhibitions of £70, tenable for one year. Candidates must be under 19 years of age on March 5th. The Examination will commence on March 20. Subjects: Classics and Mathematics.

CORPUS CHRISTI COLLEGE.

None. Scholarships, to which progressive additions may be gained in the annual College Examinations, are awarded to Freshmen of the College at the end of their first year.

KING'S COLLEGE.

Three Scholarships of £80 per annum with tuition free, tenable till the holders are of standing for the M.A. degree; one Exhibition of £90, one of £56 and two of £50 per annum, tenable for three years. Candidates must be British subjects under 20 years of age. The Examination will commence on April 4. Subjects: Classics and Mathematics, except in the case of the Exhibition of £90, which is offered for Natural Science.

QUEENS' COLLEGE.

Two Scholarships of £60 and two of £40 per annum, one-third of which sums will be paid for each term kept by residence. Candidates must be under 20 years of age. Date of Examination, March 21 and 22. Two Scholarships will be given for Classics and two for Mathematics.

ST CATHARINE'S COLLEGE.

Five or more Scholarships, ranging in value from £70 to £35, and amounting in the aggregate to about £250 per annum. The Examination will be held early in June. Subjects: Classics and Mathematics.

JESUS COLLEGE.

Two Scholarships of £50 per annum, tenable till the holders are of standing for the B.A. degree, and three Rustat Scholarships (limited to orphans and sons of clergymen) of the value of £40 or £50, according to the manner in which the holders acquit themselves in the annual College Examinations. Candidates must be under 20 years of age. Date of Examination, March 15 and 16. Subjects: Classics and Mathematics.

CHRIST'S COLLEGE.

The number and value will depend upon the merits of the candidates. Last year there were given for Classics and Mathematics one of £70, three of £60, one of £50 and one of £30, and for Natural Science one of £60 and one of £30 per annum, all tenable till the holders are of standing for the B.A. degree and continuable, at the pleasure of the Master and Fellows, till the holders are of standing for the M.A. degree, provided they remain so long in residence. The Examination will be held on March 20 and three following days, concurrently with the Examinations for Scholarships at Emmanuel and Sidney Colleges. A Candidate for a Scholarship at any one of the three Colleges may be eligible without further examination to a Scholarship at either of the other two, but each College will give the preference to its own Candidates, if they be properly qualified.

The successful candidates for the five Tancred Divinity Studentships, each of the annual value of £100, are required to enter at this College. Information may be obtained from B. J. L. Frere, Esq., 28, Lincoln's Inn Fields, London.

ST JOHN'S COLLEGE.

Two Minor Scholarships of £70 and two of £50, and two Exhibitions of £50 per annum, all tenable for two years, one of £50 per annum, tenable for three years, and two of £40 per annum, tenable for 4 years. Candidates for the Minor Scholarships must be under 20 years of age. The Examination will commence on April 4. Subjects: Classics and Mathematics; but one of the Exhibitions of £50 will be given, if a Candidate of sufficient merit present himself, to the best proficient in Hebrew, Sanskrit, Syriac or Arabic.

An additional Exhibition of £50 per annum, tenable for 3 years, is offered for Natural Science. The Examination will commence on April 7.

The emoluments of a Scholar or Exhibitioner who gains distinction in the annual College Examination may be raised to £100 for the current year.

MAGDALENE COLLEGE.

One Scholarship of £60 and two of £40 per annum, tenable for 3 years. Candidates must be under 20 years of age. Date of Examination, April 11. Subjects: Classics and Mathematics.

TRINITY COLLEGE.

Three Minor Scholarships of £75, and three of £50, and one Exhibition (for Natural Science) of £50 per annum, all tenable for three years. Candidates must be under 20 years of age.

Persons not yet resident, and under 20 years of age, may enter with the Undergraduates of the College for about twelve Foundation Scholarships of the value of about £100 per annum, tenable till the holders are of standing for the M.A. degree.

Persons qualified as above, and able to give evidence of need of assistance, may enter with the Subsizars of the College for Sizarships of the value of about £75 per annum, tenable for ten terms, or till the B.A. degree is taken.

The Examinations for all the above will commence on April 3. Subjects: Classics and Mathematics, except for the Exhibition of £50, which is offered for Natural Science.

EMMANUEL COLLEGE.

One Foundation Scholarship of £70 per annum, tenable till the holder is of standing for the B.A. degree, two Minor Scholarships of £70 and two of £50 per annum, tenable for two years. The Scholarships will be awarded for merit in Classics, or Mathematics, or Natural Science. Date of Examination, March 20 and three following days; see notice for Christ's College.

SIDNEY SUSSEX COLLEGE.

Two Scholarships of £60 for Classics, one of £80 and two of £40 for Mathematics, and one of £60 per annum for Natural Science, all tenable till the holders are of standing for the B.A. degree. Date of Examination, March 20 and three following days; see notice for Christ's College.

DOWNING COLLEGE.

Three Minor Scholarships of £60 per annum, tenable for two years. The Examination will be held on June 5. Subjects: Classics and Mathematics.

NON-COLLEGIATE STUDENTS.

One Exhibition of £50 per annum, tenable for three years. The Examination, open to Non-Collegiate Students who commenced residence in the preceding October, as well as to persons not yet in residence, has hitherto taken place in December. Information is to be obtained from the Censor, the Rev. R. B. Somerset, Cambridge.

Further information must be obtained from the Tutors of the respective Colleges, to whom, in each case, a certificate of character, and, where the Candidates are limited in respect of age, a certificate of birth must be sent some days at least before the Examination.

The Colleges may, according to the merits of the Candidates, award additional Scholarships, or fewer than the numbers offered. All Candidates are required to possess such knowledge of both Classics and Mathematics as will enable them to pass the Previous Examination.

Holders of the above Scholarships and Exhibitions will, in most cases, have opportunities of increasing them or exchanging them for others of higher value or longer tenure.

There is no restriction on the ground of religious belief, nor, in most cases, of nationality.

Successful Candidates are required to enter at the Colleges to whose Scholarships or Exhibitions they shall have been elected, and to commence residence in October next.

PUBLISHED BY

MESSRS. DEIGHTON, BELL, AND CO.

CAMBRIDGE,

𝔄gents to the 𝔘niversity,

AND

GEORGE BELL AND SONS,

YORK STREET, COVENT GARDEN, LONDON.

Cambridge School and College Text Books,

A Series of Elementary Treatises adapted for the Use of Students in the Universities, Schools, and Candidates for the Public Examinations. Uniformly printed in Foolscap 8vo.

ELEMENTS OF ALGEBRA. By the Rev. C. ELSEE, M.A., late Fellow of St John's College, Cambridge, Mathematical Master at Rugby. Fourth Edition. 4*s.*

ARITHMETIC. By the Rev. C. ELSEE, M.A. Seventh Edition. 3*s.* 6*d.*

ARITHMETIC for the use of Schools and Colleges. By A. WRIGLEY, M.A., St John's College. 3*s.* 6*d.*

ARITHMETIC. A Progressive Course of Examples in Arithmetic, with Answers. By J. WATSON, M.A., Corpus Christi College, Cambridge, formerly Senior Mathematical Master of the Ordnance School, Carshalton. Third Edition. 2*s.* 6*d.*

PLANE ASTRONOMY. For the Use of Colleges and Schools. By P. T. MAIN, M.A., Fellow of St John's College. *Second Edition.* 4*s.*

CONIC SECTIONS, treated Geometrically. By W. H. BESANT, M.A., late Fellow of St John's College. Second Edition. 4*s.* 6*d.*

STATICS. By H. GOODWIN, D.D., BP. OF CARLISLE. Second Edition. 3*s.*

DYNAMICS. By H. GOODWIN, D.D., BP. OF CARLISLE. Second Edition. 3*s.*

ANALYTICAL GEOMETRY for Schools and Beginners. By T. G. VYVYAN, Fellow of Gonville and Caius College, and Mathematical Master of Charterhouse. Third Edition, revised. 4*s.* 6*d.*

HYDROSTATICS. By W. H. BESANT, M.A. Seventh Edition. 4*s.*

MENSURATION. By B. T. MOORE, M.A., Fellow of Pembroke College. With numerous Examples. 5*s.*

NEWTON'S PRINCIPIA: first three Sections with Appendix, and the Ninth and Eleventh Sections. By J. H. EVANS, M.A., St John's College. The Fifth Edition edited by P. T. MAIN, Fellow of St John's College. 4*s.*

GEOMETRICAL OPTICS. By W. S. ALDIS, M.A., Trinity College. 3*s.* 6*d.*

ELEMENTARY TRIGONOMETRY. By T. P. HUDSON, M.A., Fellow of Trinity College. 3*s.* 6*d.*

COMPANION TO THE GREEK TESTAMENT. Designed for the Use of Theological Students and the Upper Forms in Schools. By A. C. BARRETT, A.M., Caius College. Third Edition, revised and enlarged. Fcap. 8vo. 5*s.*

AN HISTORICAL AND EXPLANATORY TREATISE ON THE BOOK OF COMMON PRAYER. By W. G. HUMPHRY, B.D. Fifth Edition, revised. Fcap. 8vo. 4*s.* 6*d.*

MUSIC. A complete Text-book of Theoretical Music, with Glossary of Musical Terms, Exercises on Harmony, and an Appendix of Examination Papers. By H. C. BANISTER, Professor of Harmony and Composition at the Royal Academy of Music. Fifth Edition, revised. 5*s.*

TEXT-BOOK OF MUSICAL HISTORY. Specially prepared for the use of Candidates at the Local and other Examinations. By H. G. BONAVIA HUNT, Mus. B. Oxon. [*In the Press.*

Cambridge Greek and Latin Texts.

THESE texts are those of the "*Bibliotheca Classica*" and "*Grammar-School Classics.*" These editions have taken their place amongst scholars as valuable contributions to the Classical Literature of this country, and are admitted to be good examples of the judicious and practical nature of English scholarship; and as the editors have formed their texts from a careful examination of the best editions extant, it is believed that no texts better for general use can be found.

NOVUM TESTAMENTUM Graecum, Textus Stephanici, 1550. Accedunt variae lectiones editionum Bezae, Elzeviri, Lachmanni, Tischendorfii, Tregellesii. Curante F. H. SCRIVENER, A.M. New Edition. 4*s.* 6*d.*
　　An Edition with wide margins, price 12*s.*

AESCHYLUS, ex novissima recensione F. A. PALEY, A.M. Price 3*s.*

CAESAR DE BELLO GALLICO, recensuit G. LONG, A.M. 2*s.*

CICERO DE SENECTUTE ET DE AMICITIA ET EPISTOLAE SELECTAE, recensuit G. LONG, A.M. 1*s.* 6*d.*

CICERONIS ORATIONES. Vol. I. Recensuit G. LONG, A.M. 3*s.* 6*d.*

EURIPIDES, ex recensione F. A. PALEY, A.M. Vol. I. 3*s.* 6*d.* Vol. II. 3*s.* 6*d.* Vol. III. 3*s.* 6*d.*

HERODOTUS, recensuit J. W. BLAKESLEY, ·· S.T.B. 2 Vols. 3*s.* 6*d.* each Vol.

HOMERI ILIAS. Lib. I.—XII.: ex novissima recensione F. A. PALEY, A.M. 2*s.* 6*d.*

HORATIUS, ex recensione A. J. MACLEANE, A.M. Price 2*s.* 6*d.*

JUVENALIS ET PERSIUS, ex recensione A. J. MACLEANE, A.M. 1*s.* 6*d.*

LUCRETIUS, recognovit H. A. J. MUNRO, A.M. 2*s.* 6*d.*

SALLUSTI CATILINA ET JUGURTHA, ex recensione G. LONG, A.M. 1*s.* 6*d.*

TERENTIUS, relegit et emendavit WILHELM WAGNER, Ph. D. 3*s.*

THUCYDIDES, recensuit J. G. DONALDSON, S.T.P. 2 Vols. 3*s.* 6*d.* each Vol.

VERGILIUS, ex recensione J. CONINGTON, A.M. 3*s.* 6*d.*

XENOPHONTIS EXPEDITIO CYRI, recensuit J. F. MACMICHAEL, A. B. 2*s.* 6*d.*

Cambridge Texts, with Notes.

Select portions of the Greek and Latin Authors, with English Notes and Introduction for Young Students. Fcp. 8vo. 1s. 6d. each.

The Texts are mainly those of the "Bibliotheca Classica," and the "Grammar-School Classics."

ALCESTIS OF EURIPIDES. By F. A. PALEY, M.A.
PROMETHEUS VINCTUS OF ÆSCHYLUS. By F. A. PALEY, M.A.
MEDEA OF EURIPIDES. By F. A. PALEY, M.A.
HIPPOLYTUS OF EURIPIDES. By F. A. PALEY, M.A.
HECUBA OF EURIPIDES. By F. A. PALEY, M.A.
BACCHAE OF EURIPIDES. By F. A. PALEY, M.A.
SELECTIONS FROM OVID. By the late Rev. A. J. MACLEANE, M.A., Trinity College, Cambridge, Head Master of King Edward's Grammar School, Bath.
*** Others in preparation.

Public School Series of Classical Authors.

A Series of Classical Texts, annotated by well-known Scholars, with a special view to the requirements of Upper Forms in Public Schools, or of University Students. Crown 8vo.

ARISTOPHANES. THE PEACE. By F. A. PALEY, M.A. 4s. 6d.
ARISTOPHANES. THE ACHARNIANS. By F. A. PALEY, M.A. 4s. 6d.
ARISTOPHANES. THE FROGS. By F. A. PALEY, M.A. [In the Press.
CICERO.—THE LETTERS OF CICERO TO ATTICUS. Book I. With Notes, and an Essay on the Character of the Writer. Edited by A. PRETOR, M.A., late of Trinity College, Fellow of St Catharine's College, Cambridge. 4s. 6d.
DEMOSTHENES.—THE ORATION AGAINST THE LAW OF LEPTINES. With English Notes and a Translation of Wolf's Prolegomena. By B. W. BEATSON, M.A., late Fellow of Pembroke College. 6s.
DEMOSTHENES.—DE FALSA LEGATIONE. Fourth Edition, carefully revised. By the late R. SHILLETO, M.A., Fellow of St Peter's College, Cambridge. 6s.

PLATO.—THE APOLOGY OF SOCRATES AND CRITO. With Notes, Critical and Exegetical. New and Revised Edition. By W. WAGNER, Ph.D. 4s. 6d.

PLATO.—THE PHÆDO. With Notes and an Analysis. By W. WAGNER, Ph.D. 5s. 6d.

PLATO. — THE PROTAGORAS. The Greek Text. Revised. With an Analysis and English Notes. By W. WAYTE, M.A., Professor of Greek in University College, London. Second Edition. 4s. 6d.

PLAUTUS.—TRINUMMUS. With Notes, Critical and Exegetical. By WILHELM WAGNER, Ph.D. Second Edition, Revised. 4s. 6d.

PLAUTUS.—AULULARIA. With Notes, Critical and Exegetical. By WILHELM WAGNER, PH. D. New Edition, re-written. 4s. 6d.

SOPHOCLES.—THE TRACHINIÆ. By ALFRED PRETOR, M.A., Fellow of St Catharine's College, Cambridge. [*In the Press.*

TERENCE. With Notes, Critical and Explanatory. By WILHELM WAGNER, Ph.D. 10s. 6d.

THEOCRITUS. With Short Critical and Explanatory Latin Notes. By F. A. PALEY, M.A. Second Edition, corrected and enlarged, and containing the newly-discovered Idyll. 4s. 6d.

ARITHMETIC AND ALGEBRA.

Arithmetic. By the Rev. C. ELSEE, M.A., Mathematical Master at Rugby. Seventh Edition. Fcap. 8vo. 3s. 6d.

Elements of Algebra. By the Rev. C. ELSEE, M.A. Fourth Edition. Fcap. 8vo. 4s.

Arithmetic for the use of Schools and Colleges. By A WRIGLEY, M.A. 3s. 6d.

Principles and Practice of Arithmetic. By the Rev. J. HIND. Ninth Edition, with Questions, 4s. 6d.

A Progressive Course of Examples in Arithmetic. With Answers. By the Rev. JAMES WATSON, M.A., of Corpus Christi College, Cambridge, and formerly Senior Mathematical Master of the Ordnance School, Carshalton. *Third Edition.* Fcp. 8vo. 2s. 6d.

Elements of Algebra. By the Rev. J. HIND. Sixth
Edition, revised. 540 pp. 8vo. 10s. 6d.

Pelicotetics, or the Science of Quantity. An Ele-
mentary Treatise on Algebra and its Groundwork Arithmetic. By
ARCHIBALD SANDEMAN, M.A. 8vo. 20s.

TRIGONOMETRY.

The Shrewsbury Trigonometry : a step to the study
of a more complete Treatise for beginners and Junior classes in public
Schools. By J. C. P. ALDOUS, sometime Senior Mathematical Master,
Shrewsbury School. 2s.

Trigonometry required for the Additional Subjects
for Honours at the Previous Examination, according to the new
scheme sanctioned by the Senate June 1865. By J. McDOWELL,
M.A., Pembroke College. Crown 8vo. 3s. 6d.

Elementary Trigonometry. By T. P. HUDSON,
M.A., Fellow of Trinity College. 3s. 6d.

Elements of Plane and Spherical Trigonometry.
By the Rev. J. HIND. Fifth Edition. 12mo. 6s.

Solutions of the Trigonometrical Problems proposed
at St John's College, Cambridge, from 1829 to 1846. By THOMAS
GASKIN, M.A., late Fellow and Tutor of Jesus College, Cambridge.
8vo. 9s.

MECHANICS AND HYDROSTATICS.

Mechanics required for the Additional Subjects
for Honours at the Previous Examination, and for the Ordinary B.A.
Degree. By J. McDOWELL, M.A., Pembroke College. Crown 8vo.
3s. 6d.

Elementary Hydrostatics. By W. H. BESANT,
M.A., late Fellow of St John's College. Fcp. 8vo. Seventh Edition. 4s.

Elementary Hydrostatics for Junior Students. By
R POTTER, M.A., late Fellow of Queens' College, Cambridge, Professor
of Natural Philosophy and Astronomy in University College, London.
7s. 6d.

Elementary Statics. By H. GOODWIN, D.D., Bishop
of Carlisle. Fcp. 8vo, cloth. Second Edition. 3s.

Elementary Dynamics. By H. GOODWIN, D.D.,
Bishop of Carlisle. Fcp. 8vo, cloth. Second Edition. 3s.

A Treatise on Elementary Dynamics for the use of
Colleges and Schools. By WILLIAM GARNETT, M.A., Fellow of
St John's College. Crown 8vo. 6s.

An Elementary Treatise on Heat. By WILLIAM
GARNETT, M.A. Crown 8vo. 2s. 6d.

A Treatise on Statics.   By the Rev. S. EARNSHAW,
M.A. Fourth Edition. 8vo. 10s.

Problems in illustration of the Principles of Theo-
retical Mechanics. By W. WALTON, M.A. Third Edition. 8vo. 16s.

Treatise on the Motion of a Single Particle and
of two Particles acting on one another. By A. SANDEMAN. 8vo 8s. 6d.

Of Motion.   An Elementary Treatise.   By the Rev.
J. R. LUNN, M.A., late Fellow and Lady Sadleir's Lecturer of St
John's College. 8vo. 7s. 6d.

An Elementary Treatise on Mechanics.   For the
use of Junior University Students. By RICHARD POTTER, A.M.,
F.O.P.S., late Fellow of Queens' College, Cambridge. *Fourth Edition,
revised.* 8s. 6d.

A Treatise on Hydromechanics.   By W. H.
BESANT. M.A., Mathematical Lecturer of St John's College, Cambridge.
Third Edition, revised. Demy 8vo. 10s. 6d.

Problems in illustration of the Principles of Theo-
retical Hydrostatics and Hydrodynamics. By W. WALTON, M.A.
8vo. 10s. 6d.

Collection of Elementary Problems in Statics and
Dynamics. Designed for Candidates for Honours, first three days. By
W. WALTON, M.A. 8vo. 10s. 6d.

GEOMETRY, CONIC SECTIONS, &c.

Exercises on Euclid and in Modern Geometry,
containing Applications of the Principles and Processes of Modern
Pure Geometry. By J. M°DOWELL, M.A., F.R.A.S., Pembroke College.
pp. xxxi, 300. Crown 8vo. 8s. 6d.

The Geometry of Conics.   Second Edition re-
vised and enlarged. By C. TAYLOR, M.A., Fellow of St John's College.
Crown 8vo. 4s. 6d.

Text Book of Geometry.   By T. S. ALDIS, M.A.,
Trinity College, Cambridge. Small 8vo. 4s. 6d. Part I. Angles—
Parallels—Triangles—Equivalent Figures—Circles. 2s. 6d. Part II.
Proportion. 2s. Sold separately.

The object of the work is to present the subject simply and concisely,
leaving illustration and explanation to the Teacher, whose freedom text-
books too often hamper. Without a Teacher however this work will possibly
be found no harder to master than others.

As far as practicable, exercises, largely numerical, are given on the dif-
ferent Theorems, that the pupil may learn at once the value and use of
what he studies.

Hypothetical constructions are throughout employed. Important Theo-
rems are proved in more than one way, lest the pupil rest in words rather
than things. Problems are regarded chiefly as exercises on the Theorems.

Short Appendices are added on the Analysis of Reasoning and the Appli-
cation of Arithmetic and Algebra to Geometry.

Elementary Analytical Geometry for Schools and
Beginners. By T. G VYVYAN, Fellow of Gonville and Caius College, and Mathematical Master of Charterhouse. Third Edition, revised. 4s. 6d.

Trilinear Co-ordinates, and other methods of *Modern*
Analytical Geometry of Two Dimensions. By the Rev. W. ALLEN WHITWORTH, M.A., Professor of Mathematics in Queen's College, Liverpool, and late Scholar of St John's College, Cambridge. 8vo. 16s.

An Introduction to Plane Co-ordinate Geometry.
By W. P. TURNBULL, M.A., Fellow of Trinity College. 8vo. 12s.

Geometrical Conic Sections. By W. H. BESANT,
M.A., late Fellow of St John's College. Fcap. 8vo. Second Edition. 4s. 6d.

The Solutions of Geometrical Problems, chiefly in
Plane Co-ordinate Geometry, proposed at St John's College, from Dec. 1830 to Dec 1846, with an Appendix containing several General Properties of Curves of the Second Degree. By THOMAS GASKIN, late Fellow and Tutor of Jesus College. 8vo. 12s.

Problems in illustration of the Principles of Plane
Co-ordinate Geometry. By W. WALTON, M.A. 8vo. 16s.

Elementary Treatise on Solid Geometry. By W.
S. ALDIS, M.A. *Second Edition, revised.* 8vo. 8s.

DIFFERENTIAL AND INTEGRAL CALCULUS.

An Elementary Treatise on the Differential Calcu-
lus. By W. H. MILLER, M.A. Third Edition. 8vo. 6s.

Treatise on the Differential Calculus. By W.
WALTON, M.A. 8vo. 10s. 6d.

ASTRONOMY.

An Introduction to Plane Astronomy. For the Use of Colleges and Schools By P. T. MAIN, M.A., Fellow of St John's College. Second Edition, with additions. 4s.

Practical and Spherical Astronomy for the use chiefly of Students in the Universities. By the Rev. R. MAIN, M.A., Radcliffe Observer, Oxford. 8vo. 14s

Elementary Chapters on Astronomy from the "Astronomie Physique" of Biot. By H. GOODWIN, D.D. Bishop of Carlisle. 8vo. 3s. 6d.

An Elementary Treatise on Elliptic Functions. By A. CAYLEY, Sadlerian Professor of Mathematics in the University of Cambridge. 15s.

Notes on the Principles of Pure and Applied Calculation; and Applications of Mathematical Principles to Theories of the Physical Forces. By the Rev. J. CHALLIS, M.A., F.R.S., F.R.A.S., Plumian Professor of Astronomy and Experimental Philosophy in the University of Cambridge, and Fellow of Trinity College. 8vo. 15s.

An Essay on the Mathematical Principles of Physics, with reference to the Study of Physical Science by Candidates for Mathematical Honours in the University of Cambridge. By the Rev. JAMES CHALLIS, M.A., F.R.S., F.R.A.S., Plumian Professor of Astronomy and Experimental Philosophy in the University of Cambridge, and Fellow of Trinity College. 8vo. 5s.

Remarks on the Cambridge Mathematical Studies and their Relation to Modern Science. By the Rev. JAMES CHALLIS. 8vo. 3s. 6d

Lectures on Practical Astronomy. By the Rev. JAMES CHALLIS. [Preparing.

Choice and Chance. By WILLIAM ALLEN WHITWORTH, M.A., Fellow of St John's. Second Edition, enlarged. Crown 8vo. 6s.

A Chapter on Fresnel's Theory of Double Refraction. By W. S. ALDIS, M.A. 8vo. 2s.

Notes on Roulettes and Glissettes. By W. H. BESANT, M.A., Lecturer and late Fellow of St John's College, Cambridge. 8vo. 3s. 6d.

A Treatise on Dynamics of a Particle. By W. H. BESANT, M A. [Preparing.

Elementary Course of Mathematics. Designed principally for Students of the University of Cambridge. By H. GOODWIN, D.D., Bishop of Carlisle. Sixth Edition, revised and enlarged by P. T. MAIN, M.A., Fellow of St John's College, Cambridge. 8vo. 16s.

Mensuration. By B. T. MOORE, Fellow of Pembroke College. With numerous Examples. Fcap. 8vo. 5s.

Newton's Principia : first three Sections with Appendix, and the Ninth and Eleventh Sections By J. H. EVANS, M.A. St John's College. Edited by P. T. MAIN, M.A. Fcap. 8vo. 4s.

Problems and Examples, adapted to the "Elementary Course of Mathematics." By H GOODWIN, D.D., Bishop of Carlisle. Third Edition, revised, with Additional Examples in Conic Sections and Newton. By THOMAS G. VYVYAN, M.A., Fellow of Gonville and Caius College. 8vo. 5s.

Solutions of Goodwin's Collection of Problems and Examples By W. W. HUTT, M.A., late Fellow of Gonville and Caius College. Third Edition, revised and enlarged. By the Rev. T. G. VYVYAN, M.A. 8vo. 9s.

Collection of Examples and Problems in Arithmetic, Algebra, Geometry, Logarithms, Trigonometry, Conic Sections, Mechanics, &c. with Answers and Occasional Hints. By the Rev. A WRIGLEY. Sixth Edition. 8vo. 8s. 6d.

A Companion to Wrigley's Collection of Examples and Problems, being Illustrations of Mathematical Processes and Methods of Solution. By J. PLATTS, Esq., and the Rev. A. WRIGLEY, M.A. 8vo. 12s.

Series of Figures Illustrative of Geometrical Optics. From SCHELLBACH. By the Rev. W. B. HOPKINS. Plates. Folio. 10s. 6d.

A Treatise on Crystallography. By W. H. MILLER, M.A. 8vo. 7s. 6d.

A Tract on Crystallography, designed for Students in the University. By W. H. MILLER, M.A. Professor of Mineralogy in the University of Cambridge. 8vo. 5s.

Geometrical Optics. By W. S. Aldis, M.A., Trinity College. Fcap. 8vo. 3s. 6d.

An Elementary Treatise on Optics. Part I. Containing all the requisite propositions carried to first Approximations; with the construction of Optical Instruments. For the use of Junior University Students. By RICHARD POTTER, A.M., F.C.P.S., late Fellow of Queens' College, Cambridge. *Third Edition, revised.* 9s. 6d. Part II. 12s. 6d.

Physical Optics. By Richard Potter, M.A., late Fellow of Queens' College, Cambridge, Professor of Natural Philosophy and Astronomy in University College, London. Part I. 6s. 6d. Part II. 7s. 6d.

The Greek Testament: with a critically revised Text : a Digest of Various Readings : Marginal References to Verbal and Idiomatic Usage; Prolegomena; and a Critical and Exegetical Com-

mentary. For the use of Theological Students and Ministers. By the late HENRY ALFORD, D.D. Dean of Canterbury.

Vol. I. Seventh Edition, containing the Four Gospels. 1l. 8s.

Vol. II. Sixth Edition, containing the Acts of the Apostles, the Epistles to the Romans and Corinthians. 1l. 4s.

Vol. III. Fifth Edition, containing the Epistles to the Galatians, Ephesians, Philippians, Colossians, Thessalonians,—to Timotheus, Titus and Philemon. 18s.

Vol. IV. Part I. Fourth Edition, containing the Epistle to the Hebrews, and the Catholic Epistles of St James and St Peter. 18s.

Vol. IV. Part II. Fourth Edition, containing the Epistles of St John and St Jude, and the Revelation. 14s.

Vol. IV. Complete. 1l. 12s.

Codex Bezæ Cantabrigiensis. Edited with Prolegomena, Notes, and Facsimiles. By F. H. SCRIVENER, M.A. Small 4to. 26s.

Companion to the Greek Testament. Designed for the use of Theological Students and the Upper Forms in Schools. By A. C. BARRETT, M.A., Caius College. Third Edition, revised and enlarged. Fcap. 8vo. 5s.

Butler's Three Sermons on Human Nature, and Dissertation on Virtue. Edited by the late W. WHEWELL, D.D. With a Preface and a Syllabus of the Work. Third Edition. Fcap. 8vo. 2s. 6d.

An Historical and Explanatory Treatise on the Book of Common Prayer. By W. G. HUMPHRY, B.D. Fifth Edition, revised and enlarged. Fcap. 8vo. 4s. 6d

Annotations on the Acts of the Apostles. Original and selected. Designed principally for the use of Candidates for the Ordinary B.A. Degree, Students for Holy Orders, &c., with College and Senate-House Examination Papers. By the Rev. T. R. MASKEW, M.A. Second Edition, enlarged. 12mo. 5s.

Hints for some Improvements in the Authorised Version of the New Testament. By the late J. SCHOLEFIELD, M.A. Fourth Edition. Fcap. 8vo. 4s.

A Plain Introduction to the Criticism of the New Testament. With 40 facsimiles from Ancient Manuscripts. For the use of Biblical Students. Containing also a Chapter on the Egyptian Versions, contributed by Canon Lightfoot, D.D. By F. H. SCRIVENER, M.A., LL D. Trinity College, Cambridge. Second Edition, thoroughly revised and enlarged. 8vo. 16s.

Six Lectures on the Text of the New Testament, and the MSS. which contain it, chiefly addressed to those who do not read Greek. By Rev. F. H. SCRIVENER, M.A., LL.D. With facsimiles from MSS. Crown 8vo. 6s.

The Apology of Tertullian. With English Notes and a Preface, intended as an Introduction to the Study of Patristical and Ecclesiastical Latinity. By H. A. WOODHAM, LL D. Second Edition. 8vo. 8s. 6d.

Æschylus. Translated into English Prose, by
F. A. PALEY, M.A., Editor of the Greek Text. Second Edition,
revised and corrected. 8vo. 7s. 6d.

Ætna. Revised, emended, and explained, by
H. A. J. MUNRO, M.A., Fellow of Trinity College, Cambridge.
8vo. 8s. 6d.

Aristophanis Comoediae superstites cum deperdita-
rum fragmentis, additis argumentis, adnotatione critica, metrorum de-
scriptione. onomastico et lexico. By the Rev. HUBERT HOLDEN. LL.D.,
late Fellow of Trinity College. Cambridge, Head Master of Ipswich
School, and Classical Examiner to the University of London. Third
Edition.

Vol. I. containing the text expurgated with summaries and critical
notes. also the fragments, 18s.

The plays sold separately: Acharnenses, 2s. Equites, 1s. 6d. Nubes,
1s. 6d. Vespae, 2s. Pax, 1s. 6d. Aves, 2s. Lysistrata et Thesmophoriazusae,
3s. Ranae, 2s. Ecclesiazusae et Plutus, 3s.

Vol. 11. Onomasticon Aristophanevm continens indicem geogra-
phicvm et historicvm, 5s. 6d. (all published).

Six Lectures Introductory to the Philosophical
Writings of Cicero. With some Explanatory Notes on the subject-
matter of the Academica and De Finibus. By T. W. LEVIN, M.A.,
St Catharine's College, Inter-Collegiate Lecturer on Logic and Moral
Philosophy. 8vo. 7s. 6d.

Lucretius. With a literal Translation and Notes
Critical and Explanatory, by the Rev. H. A. J. MUNRO, M.A., Fellow
of Trinity College, Cambridge. Third Edition, revised throughout.
2 Vols. 8vo. Vol. I. Text, 16s. Vol. II. Translation, 6s. May be had
separately.

Plato. The Gorgias, literally translated, with an
Introductory Essay, containing a Summary of the Argument. By
E. M. COPE, M.A. Fellow of Trinity College, Cambridge. 8vo. 7s.

Plato. The Philebus. Translated with short Ex-
planatory Notes. By F. A. PALEY, M.A. Crown 8vo. 4s.

Plato. The Theaetetus. Translated with Ex-
planatory Notes. By F. A. PALEY, M.A. Crown 8vo. 4s.

Plautus. Aulularia. With Notes, Critical and
Exegetical, and an Introduction on the Plautian Metres and Prosody.
By W. WAGNER, Ph. D. New and Revised Edition. Crown 8vo.
4s. 6d.

Plautus, the Works of, with English Notes, Critical
and Exegetical. By W. WAGNER, Ph. D. In separate Plays.
Preparing.

Propertius. Verse-Translations from Book V. With a Revised Latin Text, and Brief English Notes. By F. A. PALEY, M.A. Editor of Propertius, Ovid's Fasti, &c. Fcp. 8vo. 3s.

Quintilian.. The Tenth Book. Latin Text, with Introduction, Analysis and Commentary. By JOHN E. B. MAYOR, M.A., Fellow of St John's College, Cambridge. 10s.

Sophocles. Trachineæ. With Notes and Prolego- mena. By ALFRED PRETOR, M.A., Fellow of St Catharine's College, Cambridge. *Preparing.*

Sophocles. Studia Sophoclea, Part I. being a Critical Examination of Professor Lewis Campbell's Edition of Sophocles. By B. H. KENNEDY, D.D., Regius Professor of Greek in the University of Cambridge. 5s.

Theocritus. Codicum manuscriptorum ope denuo recensuit C. WORDSWORTH, S.T.P. Episcopus Lincolniensis. 8vo. 7s.

Theocritus. Translated into English Verse by C. S. CALVERLEY, late Fellow of Christ's College, Cambridge. 7s. 6d.

Thucydides. The History of the Peloponnesian War by Thucydides. With Notes and a careful Collation of the two Cambridge Manuscripts and of the Aldine and Juntine Editions. By the late RICHARD SHILLETO, M.A. Fellow of Peterhouse. Book I. 8vo. 6s. 6d.

A Complete Greek Grammar. For the use of Students. By the late J. W. DONALDSON, D.D. Third Edition, considerably enlarged. 8vo. 16s.

Written with constant reference to the latest and most esteemed of Greek Grammars used on the Continent.

A Complete Latin Grammar. For the use of Students. By the late J. W. DONALDSON, D.D. Third Edition, considerably enlarged. 8vo. 14s.

Designed to serve as a convenient hand-book for those students who wish to acquire the habit of writing Latin; and with this view it is furnished with an Antibarbarus, with a full discussion of the most important synonyms, and with a variety of information not generally contained in works of this description.

Varronianus. A Critical and Historical Introduc- tion to the Ethnography of Ancient Italy, and to the Philological Study of the Latin Language. By the late J. W. DONALDSON, D.D. Third Edition, revised and considerably enlarged. 8vo. 16s.

Exercises on Latin Accidence, by John E. B. MAYOR, M.A., Fellow of St John's College. Second Edition. Crown 8vo. 1s. 6d.

Exercises on Latin Syntax, by J. E. B. Mayor.
3 Parts, 6d. each.

Translations into Greek and Latin Verse. By
R. C. JEBB, Fellow of Trinity College and Public Orator in the Uni-
versity of Cambridge. Small 4to. 10s. 6d.

Classical Scholarship and Classical Learning con-
sidered with especial reference to Competitive Tests and University
Teaching. A Practical Essay on Liberal Education. By the late J. W.
DONALDSON, D.D. Crown 8vo. 5s.

Translations into English and Latin. By C. S.
CALVERLEY, late Fellow of Christ's College, Cambridge. Small 8vo.
7s. 6d.

Foliorum Silvula. Part the first. Being Passages
for Translation into Latin Elegiac and Heroic Verse. Edited with
Notes by the Rev. HUBERT HOLDEN, LL.D., Head Master of
Ipswich School. Late Fellow of Trinity College. Cambridge, Classical
Examiner in the University of London. Eighth Edition. Post 8vo.
7s. 6d.

Foliorum Silvula. Part the second. Being Select
Passages for Translation into Latin Lyric and Comic Iambic Verse.
Arranged and edited by the Rev. Dr HOLDEN. Third Edition.
Post 8vo. 5s.

Foliorum Silvula. Part the third. Being Select
Passages for Translation into Greek Verse. Edited with Notes by
the Rev. Dr HOLDEN. Third Edition. Post 8vo. 8s.

Folia Silvulæ, sive Eclogæ Poetarum Anglicorum
in Latinum et Græcum conversæ quas disposuit HUBERTUS
HOLDEN, LL.D. Volumen Prius. Continens Fasciculos I. II. Post
8vo. 10s. 6d. Volumen Alterum continens Fasciculos III. IV. 12s.

Foliorum Centuriæ. Being Select Passages for
Translation into Latin and Greek Prose. Arranged and edited by
the Rev. Dr HOLDEN. Sixth Edition. Post 8vo. 8s

Greek Verse Composition, for the use of Public
Schools and Private Students. Being a revised edition of the Greek
Verses of Shrewsbury School. By the Rev. GEORGE PRESTON,
Fellow of Magdalene College, Cambridge. Small 8vo. 4s. 6d.

Sertum Carthusianum Floribus trium Sæculorum
Contextum. Cura GULIELMI HAIG BROWN, Scholæ Carthusianæ
Archididascali. 8vo. 14s.

Mvsæ Etonenses sive Carminvm Etouæ Condito-
rvm Delectvs. Series Nova, Tomos Dvos Complectens. 8vo. 15s. Edidit
RICARDUS OKES, S.T.P., Coll. Regal. apvd Cantabrigienses Præpo-
sitvs. Vol. II., to complete Sets, may be had separately, price 6s.

A few Remarks on the Pronunciation of Latin,
with a Postscript. By H. A. J. MUNRO, Fellow of Trinity College. 1s.

A Manual of the Roman Civil Law, arranged
according to the Syllabus of Dr HALLIFAX. By G. LEAPING-
WELL, LL.D. Designed for the use of Students in the Universities and
Inns of Court. 8vo. 12s.

Kent's Commentary on International Law.
                                    [New Edition in the Press.

The Mathematical and other Writings of ROBERT
LESLIE ELLIS, M.A., late Fellow of Trinity College, Cambridge.
Edited by WILLIAM WALTON, M.A., Trinity College, with a
Biographical Memoir by H. GOODWIN, D.D., Bishop of Carlisle.
8vo. 16s.

Lectures on the History of Moral Philosophy in
England. By the late Rev. W. WHEWELL, D.D., formerly Master
of Trinity College, Cambridge. New and Improved Edition, with
Additional Lectures. Crown 8vo. 8s.

   The Additional Lectures are printed separately in Octavo for the conve-
      nience of those who have purchased the former Edition. Price 3s. 6d.

A Concise Grammar of the Arabic Language. Re-
vised by SHEIKH ALI NADY EL BARRANY. By the late W. J.
BEAMONT, M.A., Fellow of Trinity College, Cambridge, and Incum-
bent of St Michael's, Cambridge, sometime Principal of the English
College, Jerusalem. Price 7s.

A Syriac Grammar. By G. PHILLIPS, D.D.,
President of Queens' College. Third Edition, revised and enlarged.
8vo. 7s. 6d.

Sketch of a Course of English Reading, with Speci-
mens of Examination Papers intended as a guide to Students. By the
Rev J. RAWSON LUMBY, B.D., Fellow of St Catharine's College, Cam-
bridge. 1s.

The Student's Guide to the University of Cambridge.

Revised and partly re-written.

Contents.

INTRODUCTION, by the Rev. R. B. SOMERSET, M.A.

UNIVERSITY EXPENSES, by the Rev. H. LATHAM, M.A.

THE MATHEMATICAL TRIPOS, by W. H. BESANT, M.A.

THE CLASSICAL TRIPOS, by the Rev. R. BURN, M.A.

THE MORAL SCIENCES TRIPOS, by the Rev. J. B. PEARSON, M.A.

THE NATURAL SCIENCES TRIPOS, by G. D. LIVEING, M.A., Professor of Chemistry.

ON THE STUDY OF LAW, by E. C. CLARK, Regius Professor of Laws.

DEGREES IN MEDICINE AND SURGERY, by G. M. HUMPHRY, M.D. Professor of Anatomy.

ON PREPARATION FOR THE THEOLOGICAL EXAMINATIONS, by B. F. WESTCOTT, Regius Professor of Divinity.

THE ORDINARY (OR POLL) DEGREE, by the Rev. J. R. LUMBY, B.D.

UNIVERSITY LOCAL EXAMINATIONS, by the Rev. G. F. BROWNE, M.A.

THE ORIENTAL TRIPOSES, by E. H. PALMER, M.A., Lord Almoner's Professor of Arabic.

THE HISTORICAL TRIPOS, by B. E. HAMMOND, M.A.

NON-COLLEGIATE STUDENTS, by the Rev. R. B. SOMERSET, M.A.

DETAILED ACCOUNT OF THE SEVERAL COLLEGES.

GRADUATI CANTABRIGIENSES: sive Catalogus exhibens nomina eorum Quos ab anno Academico Admissionum MDCCC usque ad decimum diem Octobris MDCCCLXXII gradu quocunque ornavit Academia Cantabrigiensis, e libris subscriptionum desumptus. Cura HENRICI RICHARDS LUARD, A.M., Coll. SS. Trin. Socii atque Academiæ Registrarii. 8vo. 10*s.*

CAMBRIDGE: DEIGHTON, BELL, AND CO.
LONDON: GEORGE BELL AND SONS.